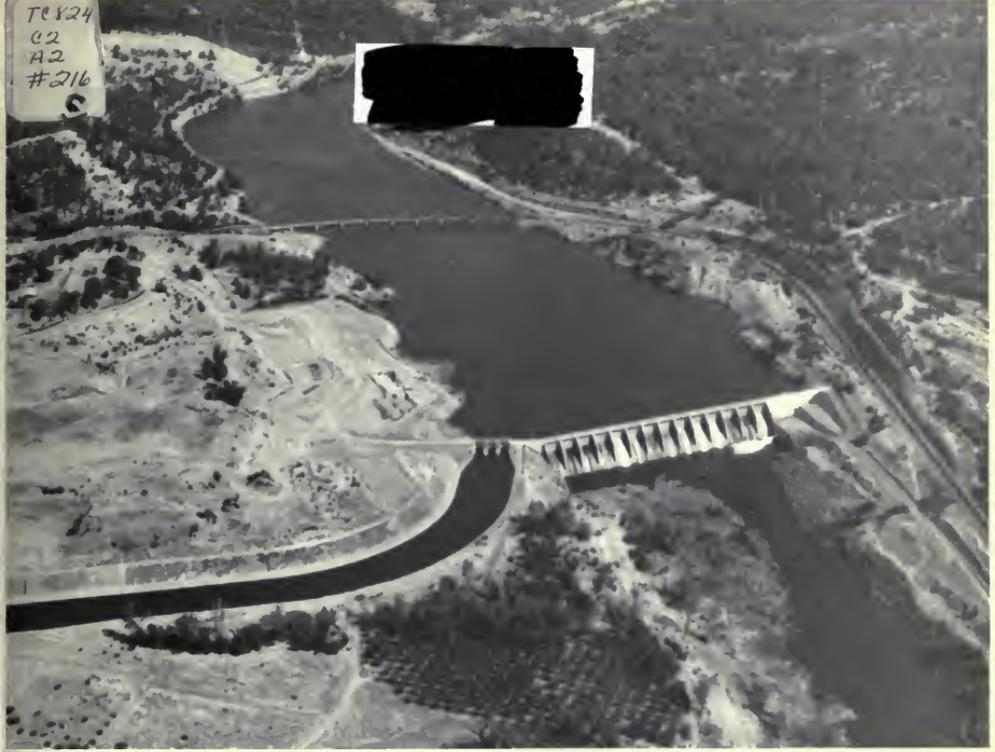


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Inventory of Instream Flow Requirements Related to Stream Diversions

Bulletin 216
December 1982



ON THE COVER: Thermalito Diversion Dam (center), Thermalito Power Canal (left), the Feather River (foreground), and Lake Oroville (background) are all features of the Slate Water Project near Oroville. At Thermalito Diversion Dam, water from Lake Oroville is channeled to both the power canal and the Feather River. Hydroelectric power is generated at the canal. Flows released to the Feather River support fisheries and wildlife.

**Department of
Water Resources
Bulletin 216**

Inventory of Instream Flow Requirements Related to Stream Diversions

December 1982

Huey D. Johnson
Secretary for Resources

Edmund G. Brown Jr.
Governor

Ronald B. Robie
Director

**The Resources
Agency**

**State of
California**

**Department of
Water Resources**

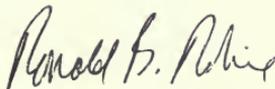
FOREWORD

The quantity and quality of water flowing in stream channels greatly influence fish and wildlife populations, riparian (streamside) vegetation, esthetics, and recreational values along rivers. Since excessive diversion of water from a stream can essentially kill it, legal measures in many areas require that a certain amount of water be left, or bypassed, in a stream, or at least returned to the stream after it has been used for other purposes, such as power production. In recent years, the bypass of instream flows has been legally required as a condition to acquiring appropriative water rights, Federal Energy Regulatory Commission licenses, and to a lesser degree, Bureau of Land Management and U. S. Forest Service Special Use Permits, etc.

Until now, finding out just what the specific streamflow requirements are has sometimes been difficult because the data are stored in various locations by a variety of agencies. This inventory has been compiled to streamline data retrieval by providing a single reference document that summarizes data on streamflow requirements for over 500 stream locations.

The information was gathered from the Environmental Services Branch of the Department of Fish and Game, the State Water Resources Control Board, the National Marine Fisheries Service, the U. S. Forest Service, the U. S. Fish and Wildlife Service, and the Department of Water Resources. Thousands of water rights were reviewed and checked for accuracy. Mapping was based on water rights documents, national forest maps, and topographic sheets of the U. S. Geological Survey.

This inventory of instream flows should be useful to a wide variety of people, including fish biologists, watermasters, game wardens, water and power project planners, water rights consultants, lawyers, land use managers, and water users. These and others interested in water development and stream habitat maintenance should find this compilation of particular value.



Ronald B. Robie, Director
Department of Water Resources
The Resources Agency
State of California

State of California
EDMUND G. BROWN JR., GOVERNOR

The Resources Agency
HUEY D. JOHNSON, SECRETARY FOR RESOURCES

Department of Water Resources
RONALD B. ROBIE, Director

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M. CATHARINE BERGREN
Assistant Director

ROBERT W. JAMES
Deputy Director

MARY ANNE MARK
Deputy Director

GERALD H. MERAL
Deputy Director

DIVISION OF PLANNING

Donald E. Owen Chief
Arthur C. Gooch Chief, Measurements and Supply Branch
Donat B. Brice Chief, Water Reclamation and Supply Section
Andrew S. Lee Chief, Instream Use Unit

This report was prepared by

Charles W. Pike Associate Planner
Dean R. Powell Student Assistant

with assistance from

Kenneth R. Yoshikawa Draftsperson

and

Lindsay P. Deauville Student Volunteer
Jennifer K. Dickson Student Volunteer
Robert B. Leonard Student Volunteer
Catherine C. McEfee Student Volunteer
Thomas A. Salzano Student Volunteer
Allison L. Stramler Student Volunteer
John A. Vaskovich Student Volunteer
Margaret Whitfield Student Volunteer
Gregory A. Wikler Student Volunteer

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INTRODUCTION

This report is an inventory of locations in California where water is legally required to flow past stream diversions for the benefit of fisheries, wildlife, and recreation. Streamflow quantities and the periods when they are required are described.

Information presented on tables and maps includes: diversion locations by waterway, section, township, and range; water rights applicants; water rights application numbers; Federal Energy Regulatory Commission (FERC) project numbers, and diversion names.

Information on streamflow requirements can be found by using two indexes. These indexes cross reference (1) the water rights application number to the location identity number, and (2) hydrologic units numbers to a map displaying site location.

Step-by-step procedures explain how best to use the indexes to retrieve data.

Although great effort has been made to provide a complete and up-to-date inventory, its accuracy cannot be guaranteed. Water rights change. New rights are created while old ones may be cancelled. Owners may change. Changes in physical characteristics such as points of diversion, place of use and amount of diversion may contribute to modification of instream flow requirements. Original water rights documents, FERC licenses, or special use permits should be consulted as necessary if absolute accuracy is required.

HOW INSTREAM FLOW REQUIREMENTS ARE DETERMINED AND ENFORCED

DEFINITION

Instream flows are waters flowing in a natural stream channel. These flows occurring in a stream (hence, "instream flows") vitally support fisheries, wildlife, recreation, and streamside vegetation. At dams, pumps, and other water diversion structures, bypass flows or releases of water into the stream below these structures are often required to sustain instream values. The contractually or legally required amount of water and its timing past the diversion structure to maintain instream values is the "instream flow requirement".

AUTHORITY FOR INSTREAM FLOW REQUIREMENTS

Protection of instream uses is a matter of State and Federal law. The California Water Code provides that fish, wildlife, and recreational uses are beneficial uses of water. The California Fish and Game Code declares that the protection and conservation of fish and wildlife resources are of utmost public interest, and recognizes the importance of commercial and sport uses as well as esthetic, scientific, and educational uses. The federal Fish and Wildlife Coordination Act (F&WCA) requires federal agencies to consider instream and environmental values in projects under the administrative or regulatory jurisdiction of federal agencies.

In granting water rights permits, the State Water Resources Control Board (SWRCB) may impose terms and conditions on the diversion and use of the water. Most permit terms and conditions specify requirements relating to: the quantity of water and times when it may be diverted; quantities of water and times when it must bypass the point of diversion for downstream water users; water quality; and stream protection and mitigation measures. These latter measures include fishway structures and instream flow requirements. Generally, a permit condition may be subsequently modified for instream protection only if the SWRCB has previously reserved jurisdiction specifically for that purpose.

The Department of Fish and Game's (DFG) role in the water rights permit application process is to evaluate the stream and the amount of water required for the preservation and enhancement of fish and wildlife resources. Frequently (70 to 80 percent of the water rights applications), DFG relies on the process of protesting these applications to gain leverage in obtaining suitable bypass flows. DFG resolves the protests by negotiating a settlement with the water rights applicant. These settlements are considered and often recognized by the SWRCB when determining the terms and conditions governing the diversions and use of water under the permit.

The California Environmental Quality Act (CEQA) of 1972 requires an environmental impact report to be prepared for projects which will have a significant adverse impact upon the environment, so that environmental values can enter into the decision-making process. In response to CEQA, project sponsors frequently employ consulting biologists to assess needs and impacts on fisheries. Prior to CEQA, these assessments were not always conducted.

Projects sponsored by or within the administrative or regulatory jurisdiction of federal agencies must comply with the National Environmental Policy Act (NEPA) and F&WCA. NEPA requires that the impacts of projects on the environment (including streams) must be assessed. The F&WCA requires that any federal agency involved in project planning or licensing must first consult with the U. S. Fish and Wildlife Service and with the appropriate state fish and wildlife agency on ways to conserve, develop, and improve wildlife resources. The agencies are required by F&WCA to accommodate the conservation of wildlife resources insofar as is consistent with the primary purposes of the project.

The Federal Energy Regulatory Commission (FERC) has the power to impose terms and conditions upon the licensing and relicensing of hydroelectric projects. Under NEPA, the F&WCA, and the Federal Power Act, exemptions from FERC licensing for hydroelectric power projects may not be granted if the project sponsor does not have written concurrence from state fish and wildlife agencies and the U. S. Fish and Wildlife Service. Many FERC license terms and conditions pertained to the release of water for fisheries purposes and for the protection and enhancement of other instream uses.

Agencies such as the U. S. Forest Service and the Bureau of Land Management, which administer federal lands, require special use permits for commercial endeavors on federal lands. The special use permits may contain conditions and terms requiring instream flow releases from stream diversions.

DETERMINING INSTREAM REQUIREMENTS

Typically, the quantity and timing of these bypass flows are determined by technical studies of the stream's aquatic habitat and recreation resources, coupled with negotiations between the diverters and those agencies responsible for maintaining the resources (i.e., California Department of Fish and Game, the U. S. Fish and Wildlife Service, the Bureau of Land Management, and the U. S. Forest Service). The negotiated agreement usually becomes part of the permit or license.

Instream flow requirements are not necessarily consistent within a watershed or even on the same stream. Very few agreements have provisions for altering terms and conditions at a later date. Several methods of assessing the biological requirements of aquatic life have been used over the years. Even the more recent improved methods do not always provide the same quantitative results.

The technical aquatic assessment is only one stage of the process setting specific bypass flow regimes. Agreements require negotiations which may yield flow schedules different from the technical recommendations. Similarly, administrative agencies may place more or less weight upon the aquatic streamflow needs versus offstream diversion uses.

A factor contributing to the variability of instream flow requirements is that during the past decade, laws and regulations requiring consideration of instream flows have been strengthened, and administrative officials have become more sensitive to instream needs.

ENFORCEMENT

Enforcement of instream flow releases is similar to enforcement of other water rights, terms and conditions. Other water users are relied upon to voice protests of possible violations of water rights, terms, and conditions, and bring them to the attention of the SWRCB staff. Section 764, Title 23 of the California State Administrative Code specifies the enforcement of terms and conditions for water rights. Section 764 states:

"Any person affected by a violation of any term or condition of a permit may file a complaint in writing with the board. The complaint shall contain the following:

- (a) Name and address of the complainant.
- (b) The nature of the alleged violation.
- (c) The manner in which the complainant is affected.
- (d) A statement of whether complainant is required by Part 5.1 (commencing with Section 5100) of Division 2 of the Water Code to file with the board a statement of his water diversion and use, and if complainant is so required, a statement:
 - (1) that complainant has filed with the board a statement of water diversion and use; or
 - (2) setting forth the reason for complainant's failure to file such a statement of water diversion and use.
- (e) The specific action which complainant requests.

Any person may complain of a violation of a condition intended for the benefit of the public."

Section 764.5 continues:

"If after investigation, the Board's Division of Water Rights finds that a violation has occurred which might be cause for revocation of the permit or other action by the Board, the matter will be referred to the Board for hearing. If the Division finds that no such violation has occurred, the complainant will be notified and no further action will be taken unless the complainant requests a hearing by the Board, in that event the Board will determine whether to hold a hearing based on information supplied by the complainant and the Board's staff. If, after notice in accordance with Water Code Sections 1410 and 1410.1 and a hearing, if a hearing is requested by permittee, the Board finds a violation has occurred, the Board may revoke the permit or take such other action as appears appropriate under the circumstances. The provisions of this article apply to licenses in the same manner as to permits."

If the SWRCB determines that a violation of terms or conditions of a water right is occurring, Water Code Sections 1831-1836, 1840, 1845, and 1850-51 provide for SWRCB administrative sanctions prior to the revocation of the water right. The SWRCB may issue cease and desist orders, petition the courts for injunctive relief, and, that failing, levy fines up to \$500 per day.

The SWRCB is not responsible for enforcement of all streamflow requirements. As discussed earlier, other agencies have existing agreements for streamflow requirements or have jurisdiction to obtain such requirements in permits and licenses. Protests for non-compliance with bypass flows and conditions should also be addressed to the appropriate agency such as the Federal Energy Regulatory Agency, Bureau of Land Management, U. S. Forest Service, Department of the Interior, or the California Department of Fish and Game.

HOW TO USE TABLES AND MAPS

The information inventoried in this report is displayed in two principal formats:

1. A "Table of Instream Flow Requirements Related to Stream Diversion", identifies each requirement by assigning an Identity Number which locates each diversion by hydrologic basin. The Instream Flow Requirements (IFR) are listed in alphanumeric sequence by Identity Number. This means that all IFRs for a hydrologic unit (watershed) are grouped together.
2. Detailed maps, "Locations of Instream Flow Requirements by Hydrologic Unit", pages 26-110, display the geographic location of each IFR. IFRs are depicted by large dots with one- or two-digit numbers adjacent. The dots are correctly drawn on the maps with respect to township, range and section. Township and range coordinates are noted on the maps. In situations where more than one IFR is located in a section (particularly in the Russian and Napa drainages), only one dot is shown per section with the several identity number suffixes listed. The combination of the hydrologic unit code plus the suffix produces the Identity Number by which IFRs are listed in the table.

Additionally, an index is provided to cross reference water rights application numbers to IFR Identity Numbers.

Here are three methods of using these tables, maps, and indexes:

Method 1 - Geographic Location Known

Step 1: Turn to the watershed index map of the State (page 26). This index map shows the State's major streams and hydrologic basins and indicates the pages of more detailed hydrologic units. For example, the Sacramento River Basin is represented by detailed hydrologic unit maps on pages 27 through 39. A diversion situated on the upper Sacramento River near Shasta Lake is mapped on page 37.

Step 2: Turn to the detailed hydrologic unit map, in this example, page 37. If the desired diversion site is the McCloud Reservoir, then the site lies within the hydrologic area designated as A22.A3.

Step 3: Each diversion point is depicted with a large dot. Adjacent to the dot is a one- or two-digit number. That number is used as a suffix to the hydrologic unit code to produce the site identity number (for example, A22.A3-1 for McCloud Dam).

Step 4: Refer to the tables of Instream Flow Requirements table (beginning on page 111) where all the site Identity Numbers are alphanumerically listed with their corresponding flow agreements (for example, A22.A3-1 is on page 147).

Method 2 - Water Rights Application Number Known

Index 1 (pages 11 through 22) cross-references SWRCB water rights application numbers to Identity Number. For example, application number 13746 is referenced to Identity Number A06.B2-1. Using the Identity Number, turn to the table of Instream Flow Requirements (page 122) to find the instream flow requirement.

Method 3 - Hydrologic Unit Code or Identity Number Known

To find the location of the IFR site on the maps, follow steps 1 and 2.

Step 1: Turn to Index 2, "Hydro Units/Site Identity Number Referenced to Map" (pages 23 through 25). Remember that the first five digits of Identity Numbers are the same as the hydrologic unit codes. Index 2 lists the hydrologic unit codes and the pages of the maps where they appear. (e.g., A06.00 is on page 30). As explained under Method 1, the complete Identity Number can be determined from the detailed map.

Step 2: Refer to the table (beginning on page 111) to learn the Instream Flow Requirement (A06.B2-1 is on page 122).

INDEXES TO TABLES AND MAPS

INDEX 1

WATER RIGHTS APPLICATION NUMBER
REFERENCED TO IFR IDENTITY NUMBER

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
1341	B14.DO-2	6737	B04.CO-10
1342	B14.DO-3	6737	B04.CO-11
1345	B14.E1-2	6737	B04.CO-12
1346	B14.CO-1	6737	B04.CO-13
1389	G01.CO-1	6737	B04.CO-14
1614	A10.B0-1	6737	B04.CO-16
1920	C03.B3-1	6737	B04.CO-15
1920	C03.B3-2	6737	B04.CO-17
1920	C02.B3-3	8495	A11.C2-1
2372	A10.C3-1	10122	B09.E1-1
2372	A10.C3-2	10338	B14.A1-2
2372	A10.C3-3	10338	B14.CO-2
2652A	A09.A4-6	10588	A19.CO-1
3850	W03.B0-3	11115	B14.D0-1
4703	C03.B3-4	11115	B14.D0-7
5648	B09.B1-1	11122	F06.D0-4
5648	B09.B1-2	11192	A11.D1-1
5648F	B04.CO-15	11193	A11.D1-2
6470	B08.J0-1	11199	A02.B0-1
6594	F11.F3-1	11281	B21.B2-3
6594	F11.F3-2	11315	F14.A1-39
6737	B04.CO-1	11327	F14.B4-10
6737	B04.CO-2	11327	F14.B4-11
6737	B04.CO-3	11389	A04.CO-1
6737	B04.CO-4	11407	F06.B3-1
6737	B04.CO.5	11596	A10.A2-2
6737	B04.CO-6	11788	B06.CO-3
6737	B04.CO-7	11792	B05.B0-1
6737	B04.CO-8	11792	B05.CO-1
6737	B04.CO-9	11792A	B05.CO-2

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
11966	F11.F1-2	13929	B14.D0-8
12193	F15.A0-3	13956	A10.E2-1
12243	CO3.B3-1	13958	F14.B3-2
12243	CO3.B3-2	13982	G05.B0-2
12243	CO3.B3-3	14079	F14.B3-3
12330	F14.A1-22	14112	A11.B3-1
12340	Y02.B1-2	14127	B10.B1-1
12389	A04.D4-2	14274	A10.D1-5
12490	B09.E1-4	14316	A07.D0-6
12490	B09.E1-5	14433	X19.O7-1
12493	B10.C0-8	14444	A08.D0-1
12509	F15.A0-6	14444	A08.D0-2
12624	A06.C4-1	14519	F09.A0-1
12724	CO3.B3-4	14546	A07.D0-4
12726	CO3.B3-5	14602	A23.D1-1
13095	A23.D4-1	14691	F11.C2-2
13156	B03.B0-1	14743	A23.A2-1
13156	B03.B0-2	14785	A22.A3-2
13206	F06.A3-6	14804	A09.A1-1
13304	F15.A0-2	15017	A07.D0-5
13372	A05.B1-1	15201	B03.B0-1
13533	F14.B5-31	15404	F14.B2-5
13633	F14.C1-23	15406	A07.D0-5
13707	B04.A3-4	15407	A20.B0-3
13708	B04.A3-1	15424	A19.B1-1
13746	A06.B2-1	15444	F11.A1-2
13775	F01.00-1	15502	G05.A0-11
13778	CO6.B2-1	15504	G05.A0-12
13778	CO6.B2-2	15505	G05.A0-13
13778	CO6.B2-3	15507	G05.A0-4
13778	CO6.B2-4	15508	G05.A0-5
13886	T05.B0-1	15510	G05.A0-3
13928	B14.D0-6	15511	G05.B0-1
		15563	A10.A3-1

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
15574	A08.C0-1	16854	C06.B4-1
15574	A10.D1-2	17055	E07.B2-3
15574	A10.D1-3	17116	T10.A7-1
15574	A10.E1-1	17198	E02.D0-6
15710	A07.D0-4	17232	F14.C1-29
15717	A22.A3-1	17271	F14.C2-9
15719	A23.A3-1	17291	F09.D0-1
15777	B04.C0-18	17292	T10.B1-1
15779	F14.C1-1	17317	E01.A3-1
15975	A04.A2-1	17345	F13.B0-1
15975	A04.C0-1	17375	A19.B1-1
15975	A04.C0-1	17376	A19.B1-1
16102	B14.D0-5	17400	W03.B0-1
16103	B14.E1-1	17526	B13.A1-2
16104	B10.C0-5	17527	F05.C6-1
16108	F13.A3-1	17536	F10.D0-1
16109	F13.A3-2	17590	E02.D0-7
16130	E06.D0-9	17624	F14.C1-34
16161	A22.A4-1	17809	F11.C3-2
16163	F14.B4-8	17811	F03.A1-3
16170	B10.C0-6	17838	T04.A3-2
16173	B10.C0-7	17851	T04.A3-1
16187	B11.A0-1	17913	T04.A2-1
16188	A13.B0-1	17978	F14.B5-35
16189	A13.B0-1	17997	F05.D2-3
16219	B21.B2-2	18011	A10.D1-4
16347	F14.C3-17	18028	B04.A3-2
16430	F14.C3-15	18052	F13.E0-11
16454	F09.A0-2	18084	A06.C2-1
16586	T04.A3-3	18087	A06.C2-2
16750	F06.A5-6	18087	A06.C2-5
16757	T10.B2-1	18087	A06.C3-1
16768	F06.C1-1	18087	A06.C3-2

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
18087	A06.C3-3	19361	A20.B0-1
18087	A06.C5-1	19423	B10.C0-1
18104A	E06.E0-84	19423	B10.C0-2
18104B	E06.E0-71	19423	B10.C0-3
18136	F11.G2-1	19423	B10.C0-4
18144	E06.E0-66	19551	E02.D0-6
18213	T09.H1-2	19629	G05.A0-2
18227	C03.B3-6	19653	A11.E3-1
18291	A06.D2-1	19801	T07.O0-1
18295	G05.A0-10	19841	A10.C2-1
18375	T10.C1-1	19841	A10.D1-1
18409	G06.B0-2	19841	A10.D2-2
18470	A10.E3-1	19841	A10.D2-3
18470	A10.E3-2	20072	A10.D2-1
18508	E02.B3-2	20072	A10.D3-2
18652	B10.C0-9	20350	B04.A2-1
18677	F11.F1-4	20357	E06.E0-61
18702	F11.C3-3	20117	A11.E4-1
18714	B13.A2-1	20469	F06.D0-3
18733	B13.B0-1	20540	F14.C1-32
18844	A11.C5-1	20541	F14.C1-33
18895	B05.C0-4	20545	W03.B0-2
19145	A23.B2-1	20711	E02.D0-11
19149	B09.D0-1	20866	F06.A5-3
19149	B09.D0-2	20920	F14.B2-1
19149	B09.D0-3	21009	B07.D2-1
19149	B09.D0-5	21024	C02.B0-1
19149	B09.D0-7	21079	A10.C4-1
19171	F01.O0-2	21106	F14.C1-25
19238	T04.A1-1	21121	F14.C3-14
19304	B09.B2-1	21148	F14.B2-3
19309	A23.E3-1	21151	A09.A4-1
19351	F14.B4-14	21151	A09.A4-3

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
21156	F14.B2-4	22377	F13.H5-1
21170	F14.B2-2	22412	T04.A2-4
21184	F14.C1-24	22445	F14.B5-34
21256	F13.E0-12	22461	W20.F0-2
21364	F06.B5-4	22463	F13.E0-13
21438	W20.F0-1	22503	A21.B2-1
21443	A11.C3-1	22539	X22.F1-1
21607	F06.D0-2	22573	G06.B0-3
21608	F06.D0-2	22634	F06.C2-3
21674	F14.B5-37	22661	F14.B4-6
21676	A19.B2-1	22689	F15.A0-5
21833	F13.H1-1	22704	T10.B6-1
21945	A06.D2-2	22711	E06.E0-80
21955	G07.O0-3	22739	A03.A4-18
21991	F15.A0-1	22785	E06.E0-72
22038	F14.B3-4	22807	F14.B4-5
22039	A07.D0-2	22822	G06.B0-1
22042	A03.A4-21	22831	F06.B5-3
22061	A12.B0-2	22835	E06.E0-44
22095	E06.E0-47	22841	E06.E0-57
22110	A06.B2-2	22870	F13.E0-14
22110	A06.B2-3	22920	E07.B2-4
22156	F14.B5-36	22929	F14.B4-9
22266	G07.O0-2	22949	E06.E0-62
22277	F14.C1-27	23003	F03.A1-5
22287A	F05.A2-1	23025	F05.H2-1
22287B	F05.A2-1	23038	F11.F1-1
22321	A07.D0-3	23039	F14.C1-20
22324	C06.A0-2	23047	A10.B0-2
22325	F14.B6-1	23079	F06.A5-2
22331	F06.B5-5	23114	T08.O0-3
22359	F14.B4-7	23118	Y02.B1-1
22372	Z01.B0-1	23120	F13.E0-7

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
23201	A07.C0-1	23708	F12.G0-1
23201	A07.D0-1	23710	T04.A2-2
23212	F14.B5-38	23733	E02.B1-3
23235	F15.A0-4	23737	F14.C3-16
23250	F14.C1-19	23757	A10.A2-1
23261	F05.C4-1	23774	E06.E0-68
23308	E06.E0-67	23775	E06.E0-86
23314	F06.A5-4	23790	F14.B5-33
23322	F14.C3-18	23791	E06.E0-45
23333	E06.E0-70	23834	A03.A4-17
23343	A08.D0-3	23837	F10.D0-2
23334	A20.B0-2	23846	E02.B1-1
23344	A08.D0-4	23866	E06.E0-64
23345	A08.D0-5	23867	E06.E0-83
23416	B04.A1-1	23883	E06.E0-2
23443	A11.C4-3	23885	E06.E0-3
23444	A11.C4-1	23886	E06.E0-4
23446	F14.C1-3	23887	E06.E0-5
23508	E06.E0-76	23889	E06.E0-6
23511	E06.E0-69	23890	E06.E0-7
23528	E06.E0-50	23897	E06.E0-65
23532	A03.B0-3	23902	F14.B5-32
23612	F06.A5-5	23914	E06.E0-77
23613	F06.A5-5	23924	A11.C4-2
23614	F06.A5-5	23930	E06.E0-46
23617	F06.A5-5	23932	E06.E0-73
23620	F06.A5-5	23934	E06.E0-75
23621	X01.O0-1	23949	F14.C1-26
23639	F14.A1-34	23960	T14.A0-1
23647	E06.E0-78	23973	F08.B0-1
23655	F14.A1-33	23976	T05.A0-1
23664	F14.C1-4	23984	E06.E0-54
23703	T10.A7-2	23986	E06.E0-74

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
23987	E06.E0-48	24238	F06.D0-8
24010	F14.C3-1	24240	E02.C0-4
24013	F14.C1-36	24244	F14.C3-13
24014	F14.C1-2	24266	F14.B5-28
24018	E06.E0-1	24268	F14.A1-18
24020	E06.F0-85	24269	F14.B5-29
24022	E06.E0-56	24269	F14.B5-43
24023	E06.D0-2	24270	F14.A1-19
24024	E06.D0-10	24271	F14.B3-1
24043	E06.E0-53	24272	A03.A4-1
24044	F14.C3-5	24277A&B	E06.E0-34
24045	A03.A4-6	24278	E06.D0-6
24051	F14.B5-1	24285	E06.E0-36
24072	E06.E0-33	24292	E06.E0-30
24076	E06.E0-40	24296	A03.B0-5
24085	B04.A1-2	24296	A03.B0-6
24098	A11.D5-5	24296	A03.B0-9
24099	A11.D5-6	24296	A03.B0-15
24104	F14.C3-11	24296	A03.B0-6
24105	F05.B3-1	24297	A03.B0-6
24124	E06.E0-39	24297	A03.B0-7
24125	E06.E0-38	24297	A03.B0-8
24126	F14.C3-12	24297	A03.B0-9
24127	F06.A2-1	24297	A03.B0-10
24129	E06.E0-63	24307	E06.E0-32
24139	F14.C1-16	24308A	E06.E0-55
24140	F14.C1-17	24309	E06.E0-28
24141	F14.C1-18	24310A&B	F14.B5-30
24147	E06.E0-26	24311A	F14.B5-48
24172	T04.A2-5	24311B	F14.B5-48
24200	F05.E0-1	24318	F14.C2-6
24203	F14.B4-2	24320	G04.B0-3
24209	F14.C2-7	24323	F13.E0-6

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
24325A	F14.C1-37	24531	E06.D0-5
24327	E06.E0-27	24538	A03.B0-4
24332	E06.E0-29	24558	F06.C2-1
24335	B10.C0-10	24570	T04.A2-6
24336	A04.D4-1	24570	T04.A2-7
24345A	E06.E0-59	24570	T04.A2-8
24348	E06.E0-41	24570	T04.A2-9
24358	E06.E0-35	24576	F13.E0-2
24359	F14.C1-15	24591	E06.E0-19
24364	F13.F3-1	24592	E06.E0-18
24366	A03.A4-7	24606	F14.C1-36
24375	F05.D2-2	24617	F14.C1-8
24395	E06.E0-37	24635	A03.B0-10
24398	E07.B2-2	24664	A03.A4-12
24405	F14.C3-10	24664	A03.A4-20
24416	A06.D4-3	24666	T04.A1-3
24433	E06.E0-9	24670	F06.B2-1
24442	E06.E0-31	24673	A03.A4-8
24443	E06.E0-15	24675	F06.B5-2
24456	E06.E0-14	24677B	E06.E0-79
24468	E06.D0-3	24678	F14.B5-4
24481	F14.C2-2	24679	F14.B5-44
24488	F14.C3-3	24686	T08.O0-2
24489	F14.C3-19	24688	F14.B4-3
24492	F13.E0-1	24689	F06.A3-2
24503	E06.D0-4	24691	F14.C1-21
24504	E06.D0-1	24693A	E06.E0-20
24505	E06.E0-16	24694	F06.C2-2
24518	F14.B5-6	24701	B14.E1-4
24522	F14.C1-7	24721	A03.A4-11
24525	F13.E0-3	24725	F14.C3-4
24526	F13.E0-3	24729	B04.A3-3
24526	F13.E0-8	24741	F14.C1-9
24527	E06.E0-17		

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24759	F08.B0-2	24911	F06.A3-4
24761	F14.A1-1	24912	F14.B5-12
24762	F14.A1-25	24914	T10.B4-1
24762	F14.A1-29	24916	E06.E0-22
24763A	F14.C1-35	24917	E06.E0-23
24788	E02.D0-5	24919	F14.B5-13
24789	F14.C1-31	24921	F14.A1-9
24790	F14.B5-40	24924	F14.B4-1
24791	F14.B5-5	24925	F14.B5-47
24795	F14.C2-3	24928	E01.A2-1
24820	F14.C1-28	24931	F14.A1-15
24827	F14.A1-2	24932	F14.B5-20
24837	F06.A3-3	24935	F14.B5-19
24839	F06.A5-1	24943	F13.E0-4
24851	A03.A4-9	24947	F14.A1-14
24864	F14.B5-7	24951	F14.B5-18
24865	F14.A1-3	24954	F11.A1-1
24866	E06.E0-21	24958	F14.B5-17
24868A	F13.E0-15	24962	F14.A1-12
24877	F14.B5-8	24963	F14.A1-11
24882	F14.A1-28	24967	F14.A1-10
24887	F14.A1-4	24968	F14.A1-30
24889	F14.A1-7	24969	F14.A1-30
24890	F14.B5-10	24972	F14.B5-16
24891	F14.A1-26	24983	A09.A4-2
24892	F14.A1-6	24989	F06.B5-1
24893	F14.B5-45	24993	F06.B5-15
24894	F14.B5-9	24995	F14.C2-4
24898	F14.C1-11	24996	F14.C3-6
24899	F14.B5-42	25000	A23.C1-1
24905	F14.A1-5	25002	T10.A3-1
24908	F14.A1-8	25005	F14.B5-14
24909	F14.B5-11	25010	F14.A1-17

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25012	F14.A1-16	25291	G04.B0-2
25015	F14.B5-21	25293	E06.E0-58
25021	F14.A1-27	25294A	E06.E0-60
25025	F14.B5-39	25302	E02.D0-3
25028	F14.B5-41	25303	E02.D0-8
25032	F14.B5-22	25306	G04.B0-1
25060	F13.E0-5	25307	F06.A3-1
25061	F13.E0-5	25317	E06.E0-8
25063	A06.C2-4	25318	E02.D0-14
25064	A21.B1-1	25321	F14.C1-22
25066	F05.B4-1	25334	F14.C3-2
25068	F15.D0-1	25337	E02.D0-1
25076	F14.A1-24	25338	E02.D0-2
25077	E06.E0-24	25344	F14.B5-3
25078	E06.E0-24	25345	G04.B0-4
25084	F14.B5-27	25358	E01.A3-2
25110	F14.B5-26	25363	F14.A1-13
25112	A22.A2-1	25367	F14.A1-20
25138	F11.C2-1	25368	W03.A0-1
25154	F14.B5-25	25368	W03.A0-2
25157	F14.B5-24	25368	W03.A0-3
25169	C01.E0-1	25368	W03.A0-4
25173	F13.D0-1	25393	F14.A1-21
25185	W28.B0-1	25394	F14.A1-31
25186	E06.E0-51	25407	E02.B2-1
25207	F14.B5-23	25420	G04.B0-3
25207	F14.B5-23	25432	A03.A4-3
25242	F03.A1-6	25432	A03.A4-5
25268	F14.C1-12	25433	A03.A4-19
25268	F14.C1-12	25447	E06.E0-42
25279	B14.A1-3	25448	E06.E0-10
		25449	E06.E0-11

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
25455	E06.E0-43	25682	F14.B5-46
25461	E02.B1-2	25691	F14.C2-10
25462	E02.B3-1	25697	F05.B3-2
25463	E02.B2-4	25700	E06.E0-13
25464	E02.B2-4	25709	T04.B0-1
25465	E02.B2-4	25712	E06.E0-81
25467	E02.B1-6	25730	E02.B3-4
25468	E02.B1-5	25731	E02.B3-4
25469	E02.B1-4	25734	E02.B3-5
25470	E02.B2-3	25740	F14.C3-20
25485A	E06.E0-52	25749	F14.C1-6
25506	A06.B2-4	25750	E02.B3-6
25512	B14.A1-1	25765	A03.A4-4
25530	B04.B0-1	25770	E07.B3-1
25544	F03.A1-4	25776	A03.A7-1
25562	T04.B0-3	25790	F05.C3-1
25568	T04.A1-2	25812	E07.B2-1
25571	F05.C1-1	25815	A06.B2-5
25596	F14.C1-5	25822	F14.C1-13
25598	E02.D0-4	25830	F14.A2-1
25630	E06.E0-12	25833A	E06.E0-49
25647	F15.A0-7	25846	F06.C1-2
25652	T04.B0-2	25850	F14.C1-30
25654	T04.B0-2	25866	A05.B1-3
25655	T04.B0-8	25868	E02.D0-9
25655	T04.B0-9	25877	E02.C0-3
25656	T04.B0-2	25880	F14.C2-8
25657	T04.B0-7	25888	F14.C1-14
25658	T04.B0-9	25897	A09.A2-1
25659	T04.B0-9	25917	G08.D0-1
25666	F11.F1-3	25935	E06.E0-25
25674	F14.A2-3	25943	F06.D0-1
25676	E02.D0-12	25950	E02.D0-10

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
25958	T04.B0-4	26691	A05.A1-1
25967	A12.B0-1	26714	A23.E3-2
26003A	A03.B0-1	26994	A03.A4-16
26012	B04.A4-1	27168	A09.A4-4
26016	F14.C2-5	D1400	A05.B1-1
26022	F14.C3-7	D1400	A05.B1-2
26036A	E06.E0-82	Riparian	A06.B5-1
26055	F14.C3-8	Riparian	A06.B5-2
26063	A05.B1-4	---	A11.D4-1
26113	F14.A2-2	---	A11.D4-2
26125	E02.C0-5	---	A11.D5-2
26126	E02.C0-5	---	A11.D5-3
26150	W03.B0-4	---	A23.B1-1
26160	A09.A4-5	---	A23.B1-2
26168	A03.B0-2	---	B09.D0-4
26177	A03.A4-2	---	B09.D0-6
26192	W01.O0-1	---	B09.E1-1
26233	F14.A1-32	---	B09.E1-3
26236	F13.C0-1	Raker Act.	B10.D1-1
26255	F11.C3-1	Raker Act.	B10.D1-2
26313	A03.A4-14	Raker Act.	B10.E0-1
26323	F11.C2-3	---	C04.B2-1
26401	F06.A3-5	---	C04.B3-1
26408	A10.E4-1	---	C04.B3-2
26414	F14.B5-49	---	C05.A1-1
26452	A03.A4-15	Riparian	F05.D2-1
26460	C06.A0-1	Riparian	F06.A1-1
26479	F06.A2-2	---	F14.C2-1
26517	A06.D4-1	Riparian	G05.A0-6
26517	A06.D4-2	Riparian	G05.A0-7
26534	B14.D0-4	Riparian	G05.A0-8
26534	B14.D0-9	Riparian	G05.A0-9
26542	B14.E1-3	Riparian	G05.B0-3
26656	A03.A4-13	Riparian	G05.B0-4
		---	G07.O0-1

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A01.	27	C01.A0-B0	47	F13.	69
A02.	27	C01.C0-G0	48	F14.A-B	70
A03.	28	C01.H0	47	F14.C	71
A04.	28	C01.J0-M0	48	F15.	72
A05.	29	C01.N0	49		
				G01.	73
A06.	30	C01.P0	47	G02.	73
A07.	31	C01.Q0-T0	49	G03.	73
A08.	31	C01.U0	50	G04.	73
A09.	32	C01.V0-W0	49	G05.	74
A10.	32	C01.X	50		
				G06.	74
A11.	33	C02.	47	G07.	74
A12.	33	C03.	51	G08.A	75
A13.	34	C04.	51	G08.B-D	76
A14.	34	C05.	52	G09.	76
A15.	35	C06.	52		
		C07.	50	G10.	76
A16.	36			G11.	77
A17.	36	E01.	53	G12.	77
A18.	35	E02.	54	G13.	77
A19.	36	E03.	53		
A20.	37	E04.	55	T04.	78
		E05.	55	T05.	78
A21.	37			T06.	78
A22.	37	E06.A0-D0	56	T07.	79
A23.A1-C4	38	E06.E0	57	T08.	79
A23.D1-E4	39	E07.	58		
A24.	39			T09.A0-G0	79
				T09.H0-J0	80
B01.	40	F01.	59	T09.K0	81
B02.	40	F02.	59	T10.	82
B03.	40	F03.	59	T11.	83
B04.	41	F05.A	60		
B05.	41	F05.B-D	61		
				T12.	83
				T13.	83
B06.	42	F05.E-H	62	T14.	83
B07.	42	F05.J	63	T15.	83
B08.	43	F06.	64		
B09.	43	F07.	65	U01.	84
B09.	44	F08.	66	U02.	84
B10.	44			U03.	84
				U04.	85
B11.	45	F09.	66	U05.	85
B12.	45	F10.	66		
B13.	45	F11.A-D	67		
B14.	46	F11.E-G	68		
		F12.	67		

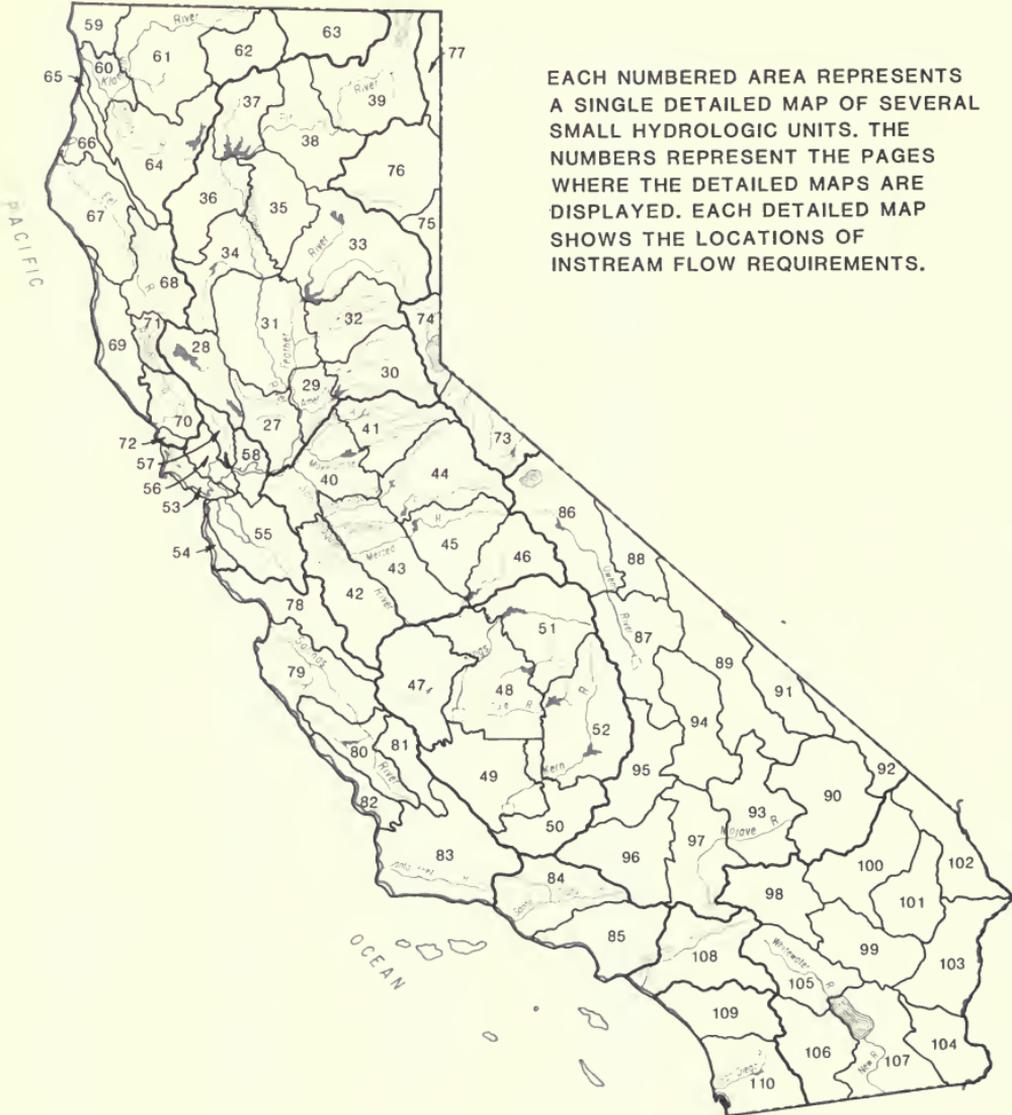
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W02.	86	X07.	98
W03.A0-B0	86	X08.	98
W03.C0-D0	87	X09.	99
W04.	88	X10.	100
W05.	88	X11.	101
W06.	88	X12.	101
W07.	87	X13.	102
W08.	87	X14.	102
W09.A1-A3	89	X15.A0-D0	103
W09.B1-B4	90	X15.E0	104
W09.C1-D4	91	X16.	103
W10.	92	X17.A	103
W11.	92	X17.B-D	99
W12.	92	X18.	99
W13.	93	X19.	105
W14.	93	X20.	106
W15.	93	X21.	106
W16.	93	X22.	106
W17.	93	X23.A0	107
W18.	93	X23.B0	106
W19.	93	X24.	106
W20.	94	X25.	107
W21.	94	X26.	104
W22.	87	X27.	104
W23.	87	Y01.	108
W24.	95		
W25.	95	Z01.	109
W26.	96	Z02.	109
W27.	97	Z03.	109
		Z04.	110
W28.A-D	97	Z05.	110
W28.E-G	93		
W28.J	90	Z06.	110
W29.	90	Z07.	110
		Z08.	110
X01.	98	Z09.	110
X02.	98	Z10.	110
X03.	98	Z11.	110
X04.	98		
X05.	98		

WATERSHED INDEX MAP

LOCATION OF INSTREAM FLOW REQUIREMENTS BY HYDROLOGIC UNITS

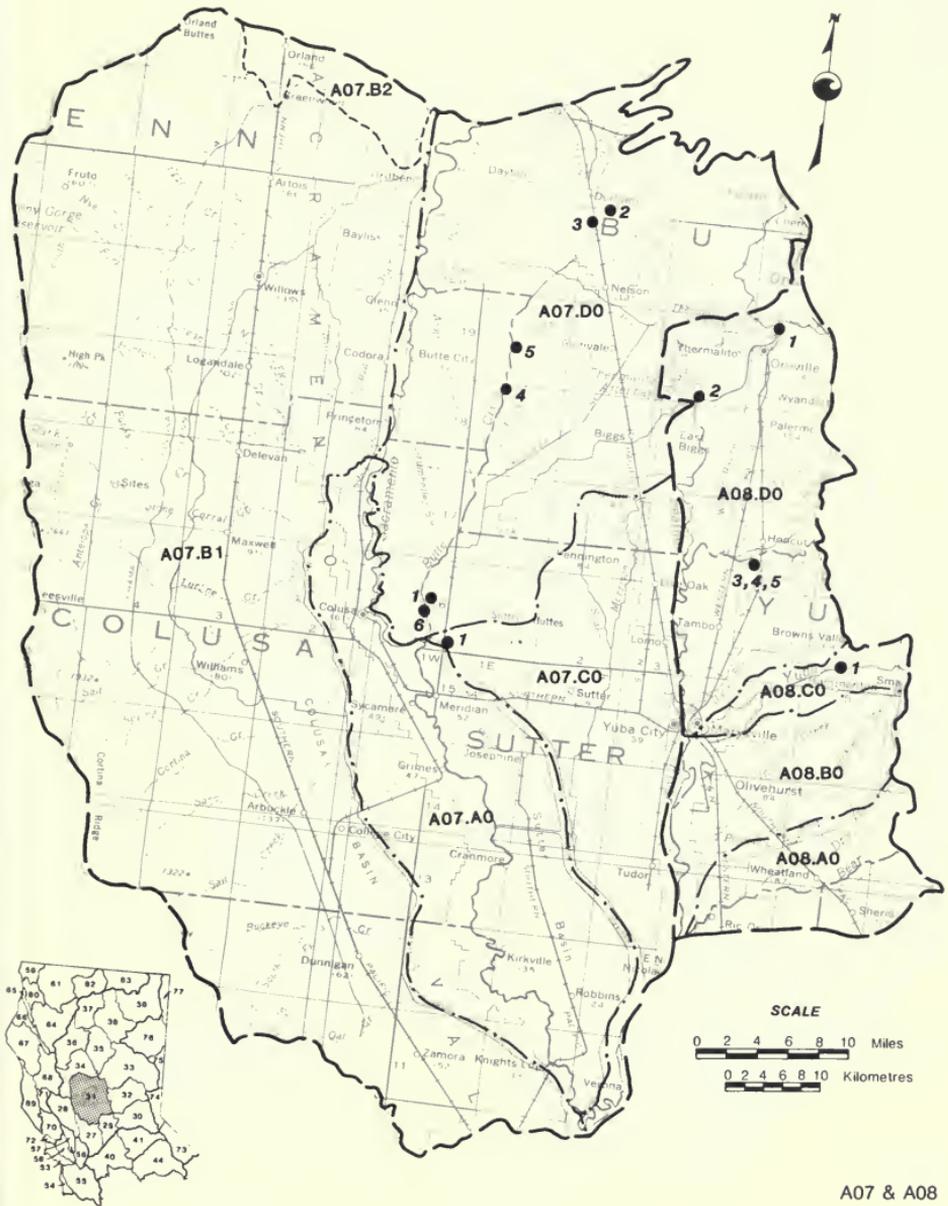




A03 & A04



A06



A07 & A08



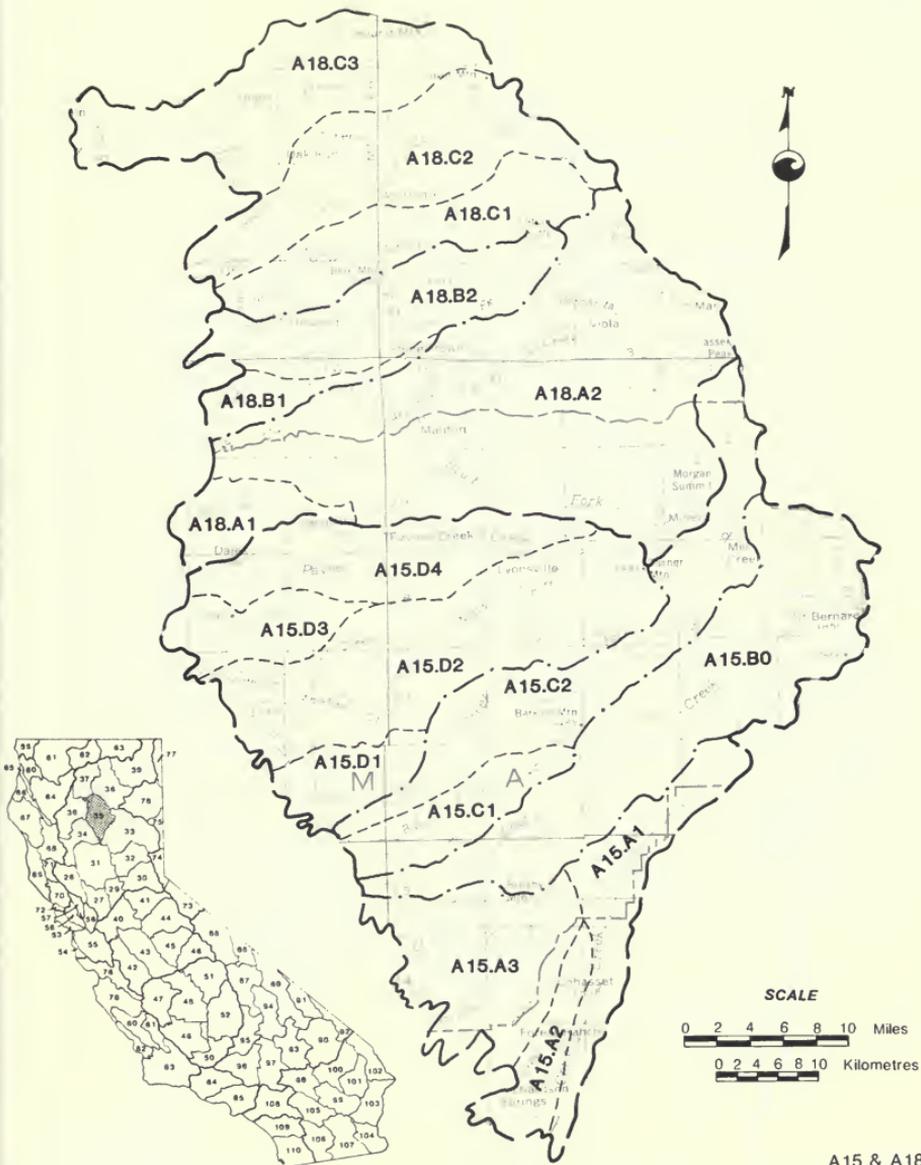
A09 & A10



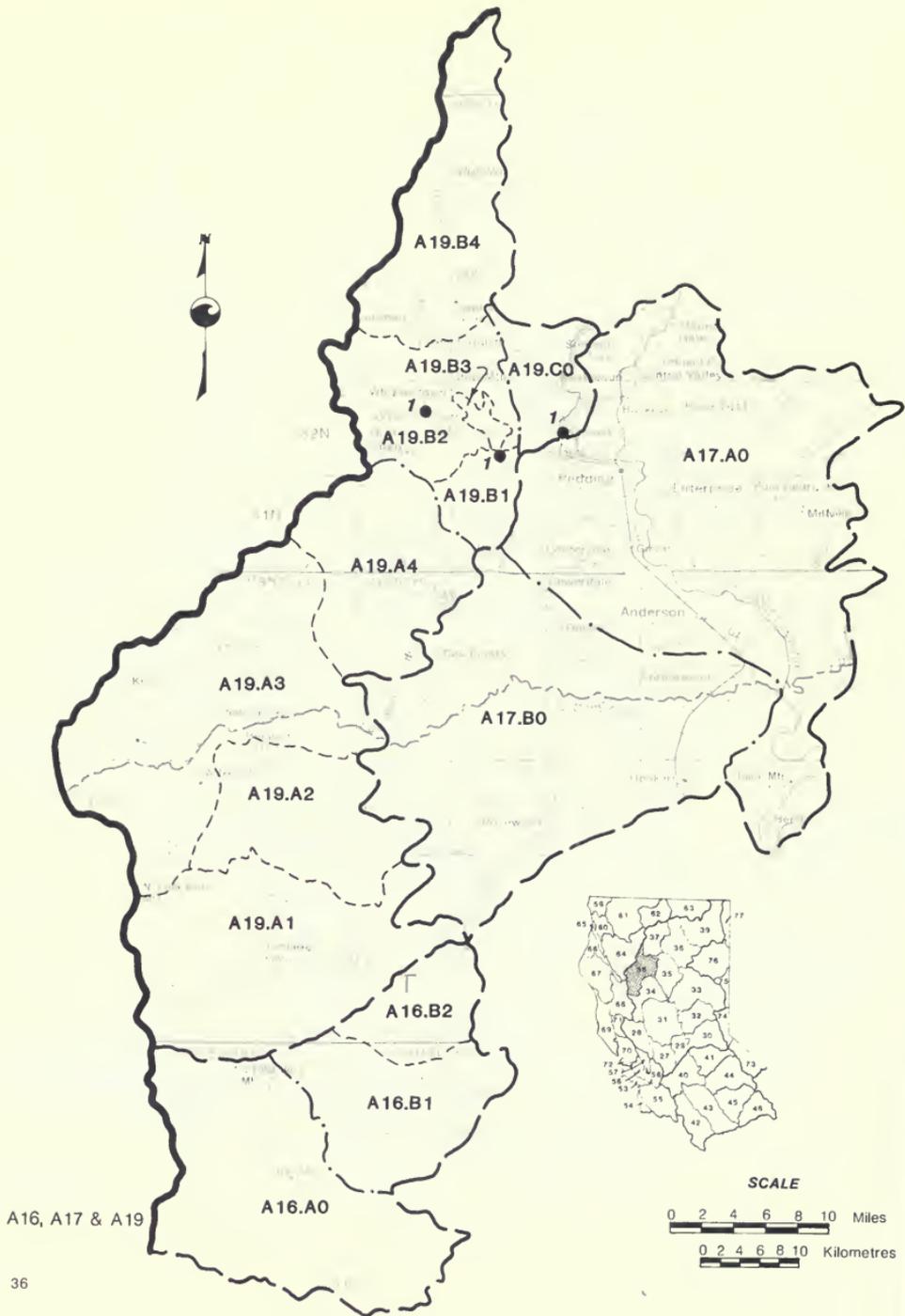
A11 & A12



A13 & A14



A15 & A18





SCALE

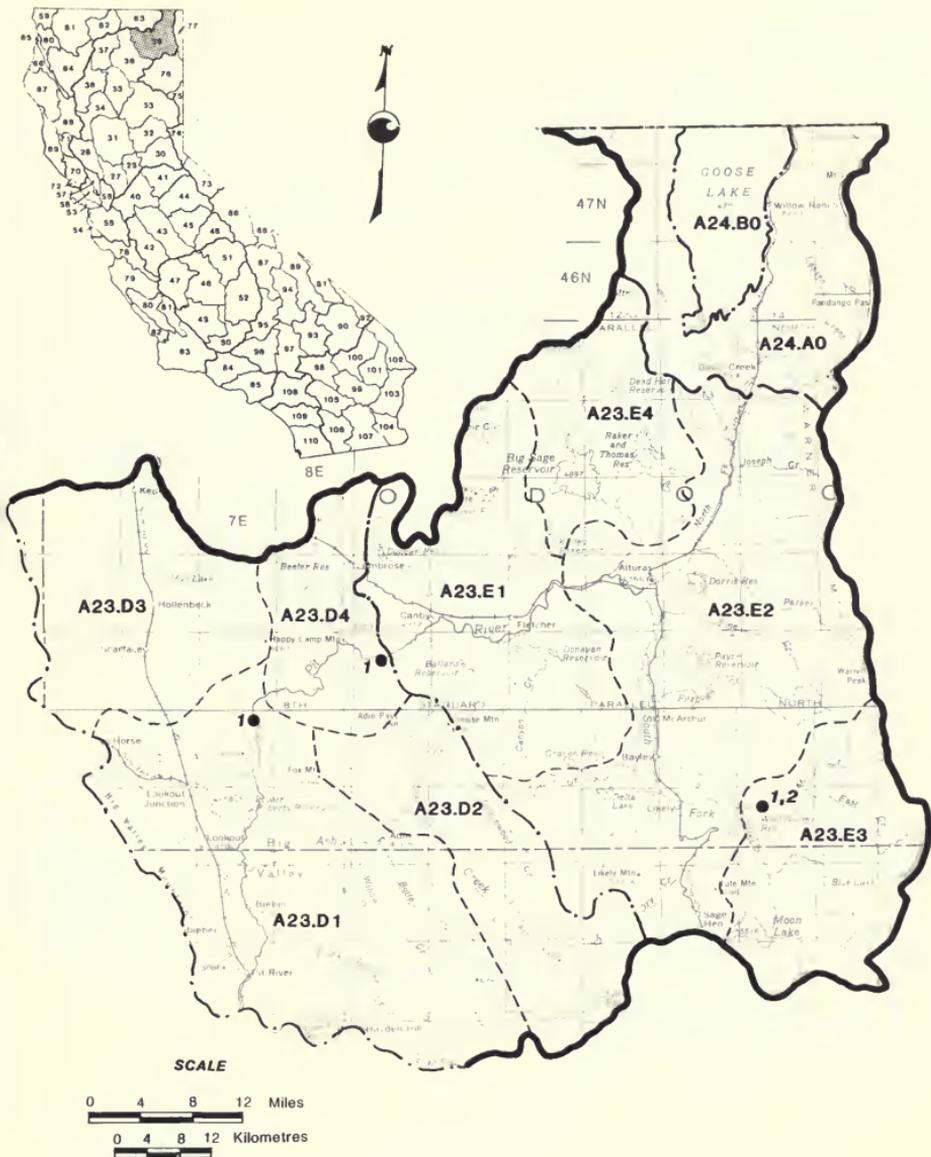
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0 2 4 6 8 10 Kilometres

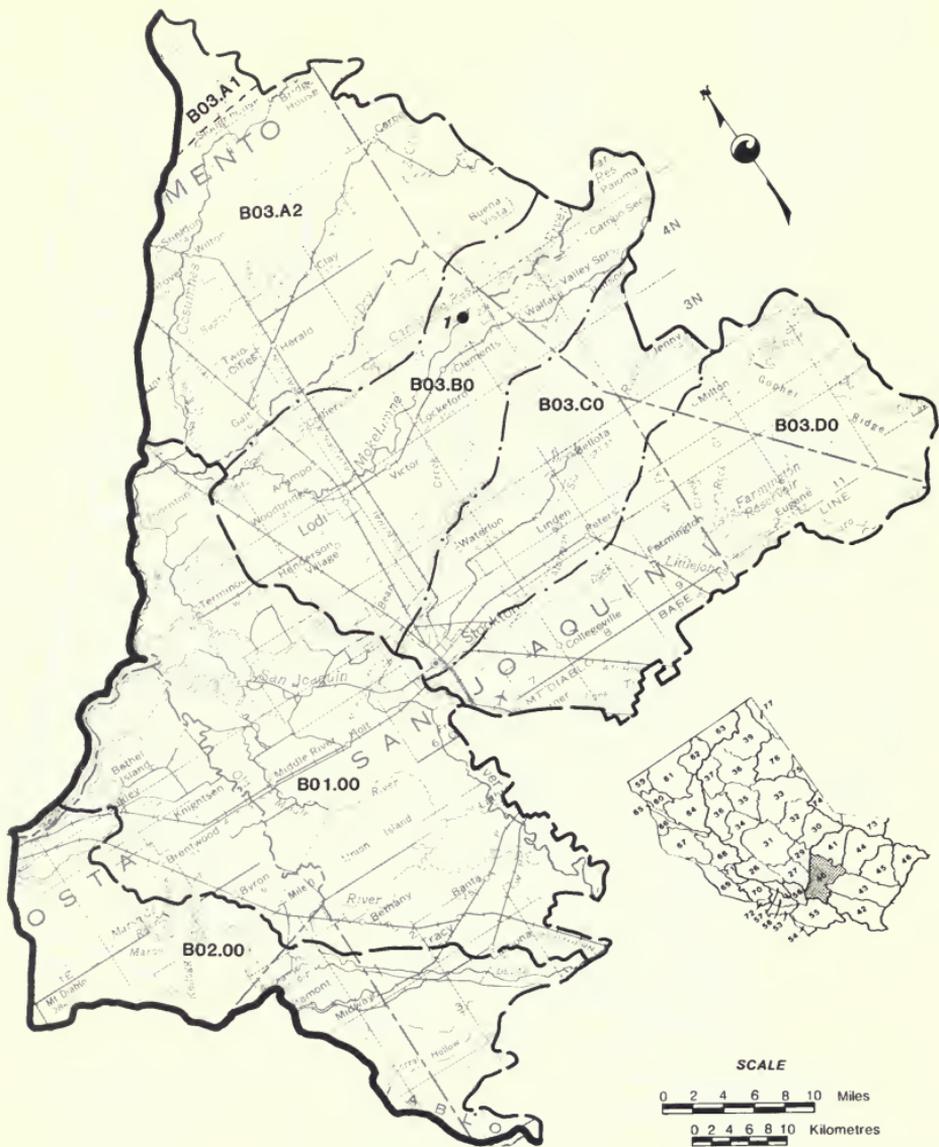
A20, A21 & A22



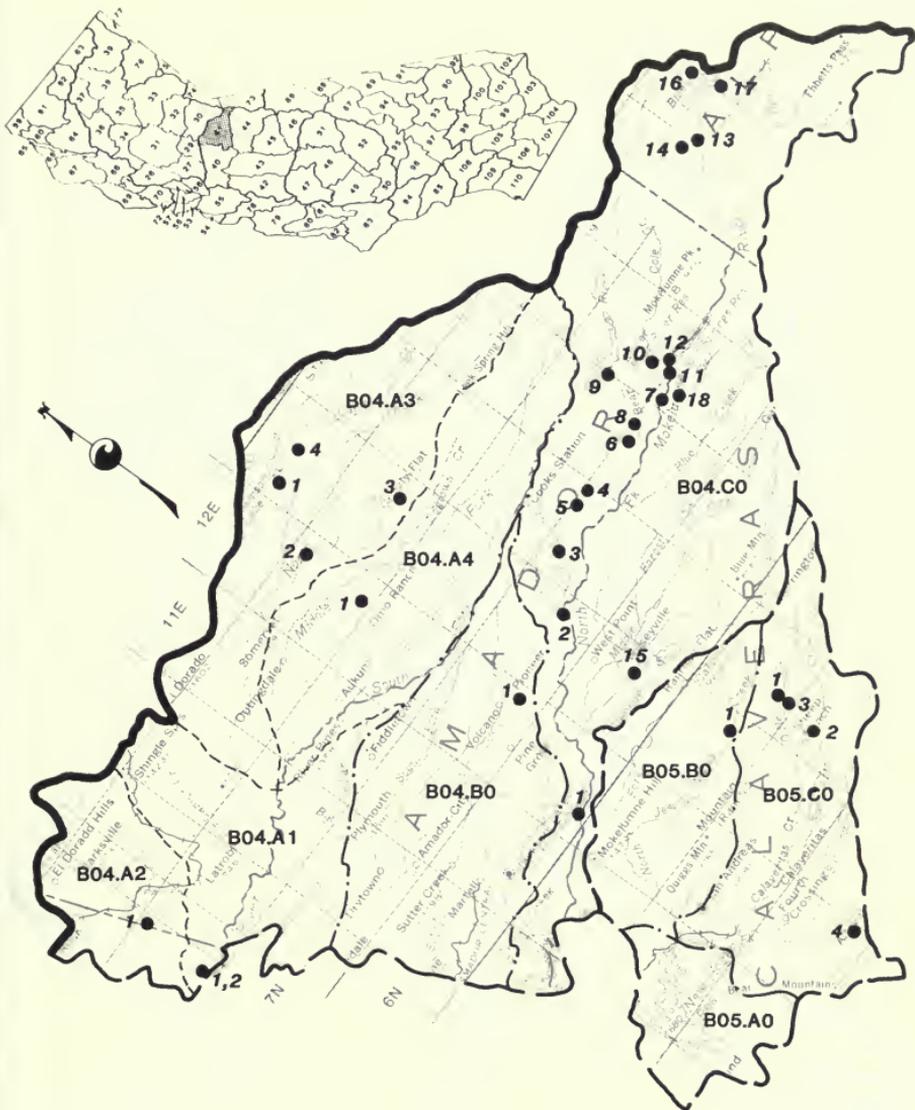
A23.A, B & C



A23.D, E & A24



B01, B02 & B03

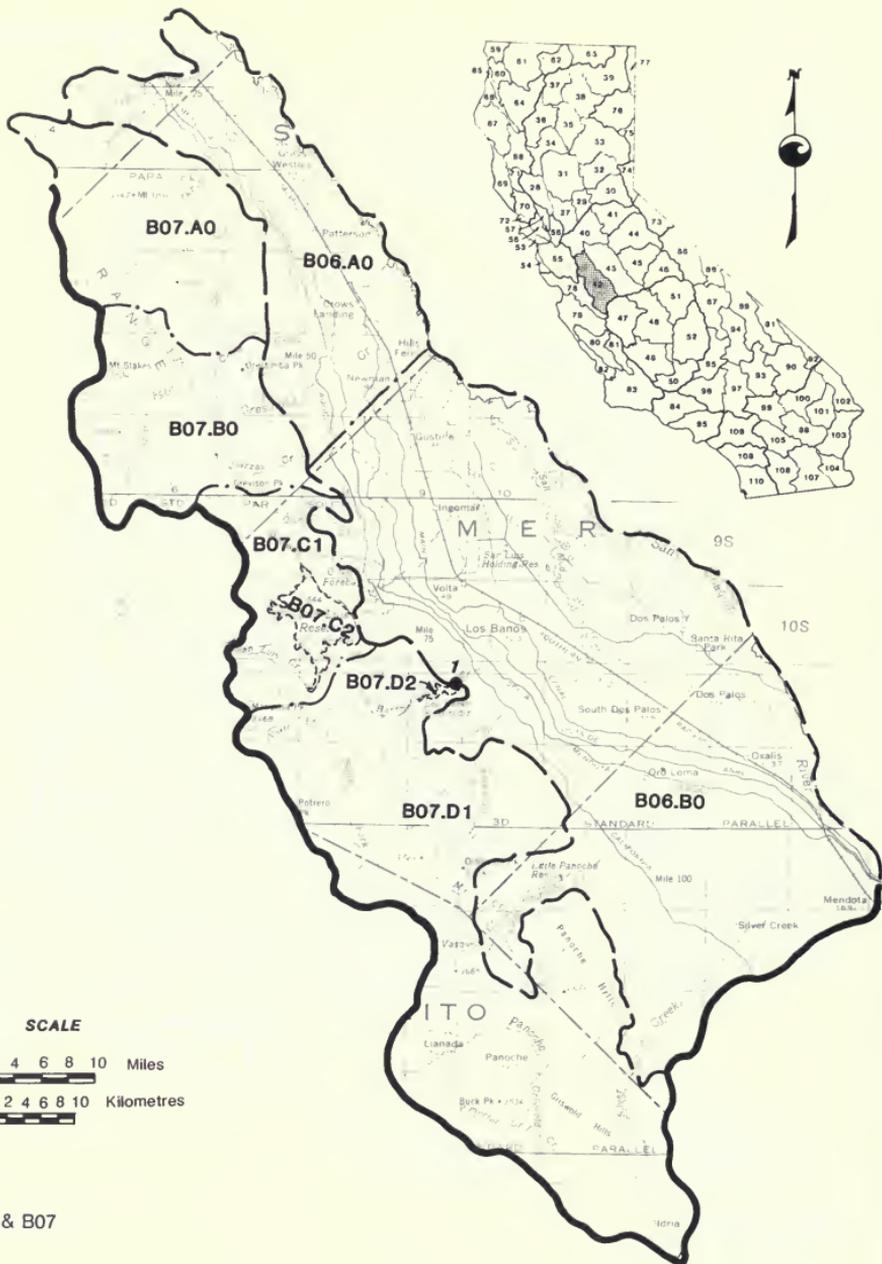


SCALE

0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres

B04 & B05



B06 & B07





SCALE

0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres

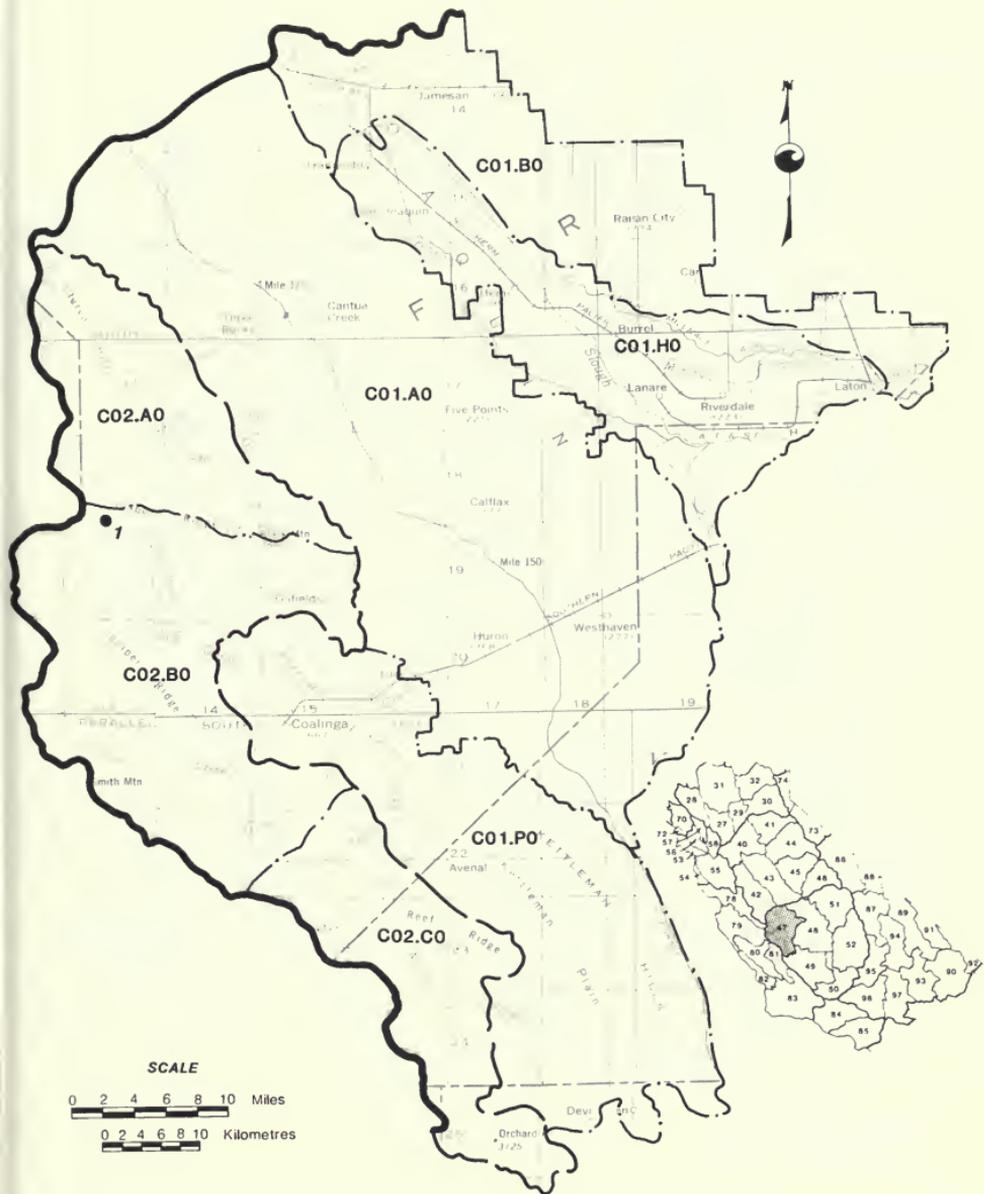
B09 & B10



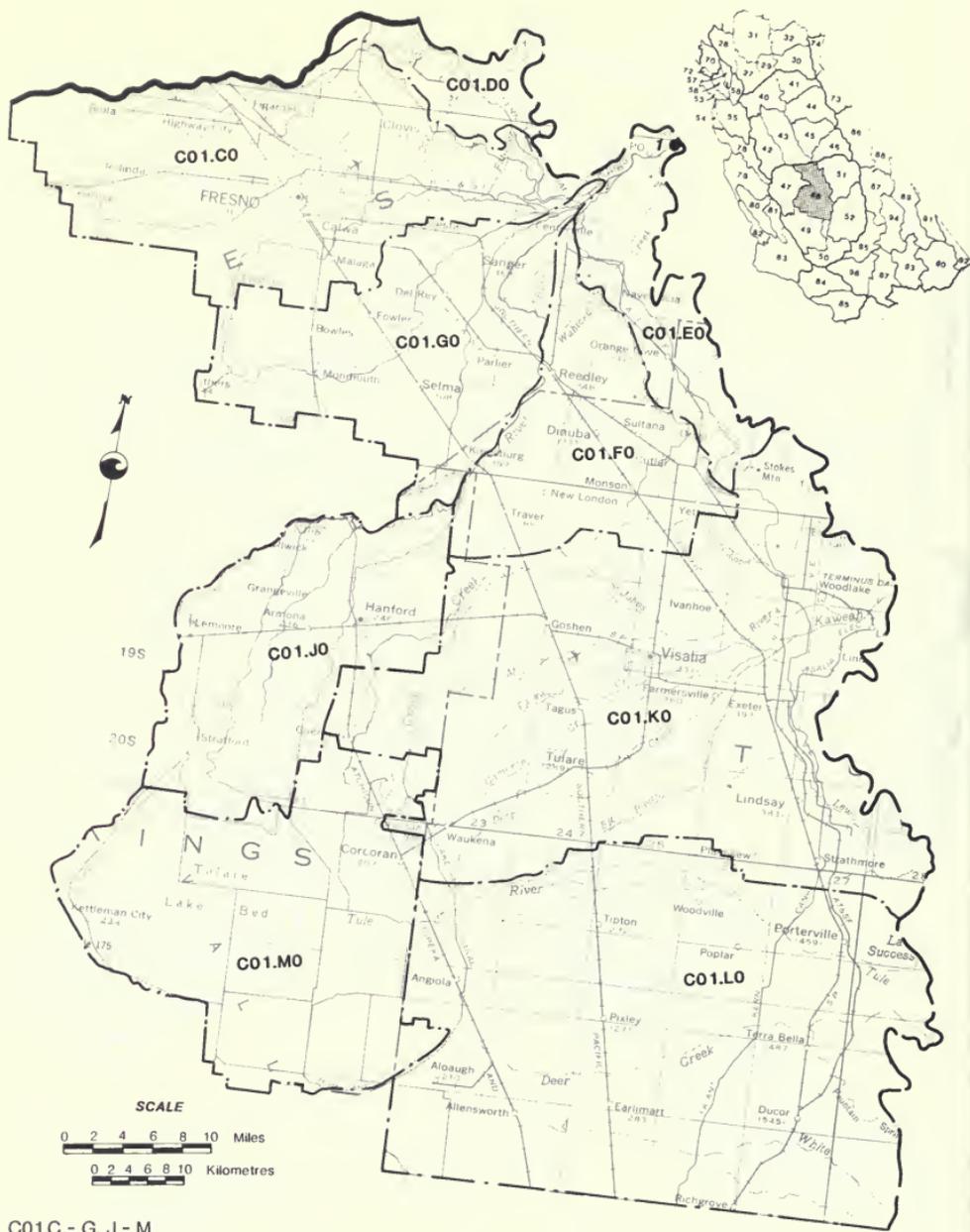
B11, B12 & B13



B14



C01.A, B, H, P & C02



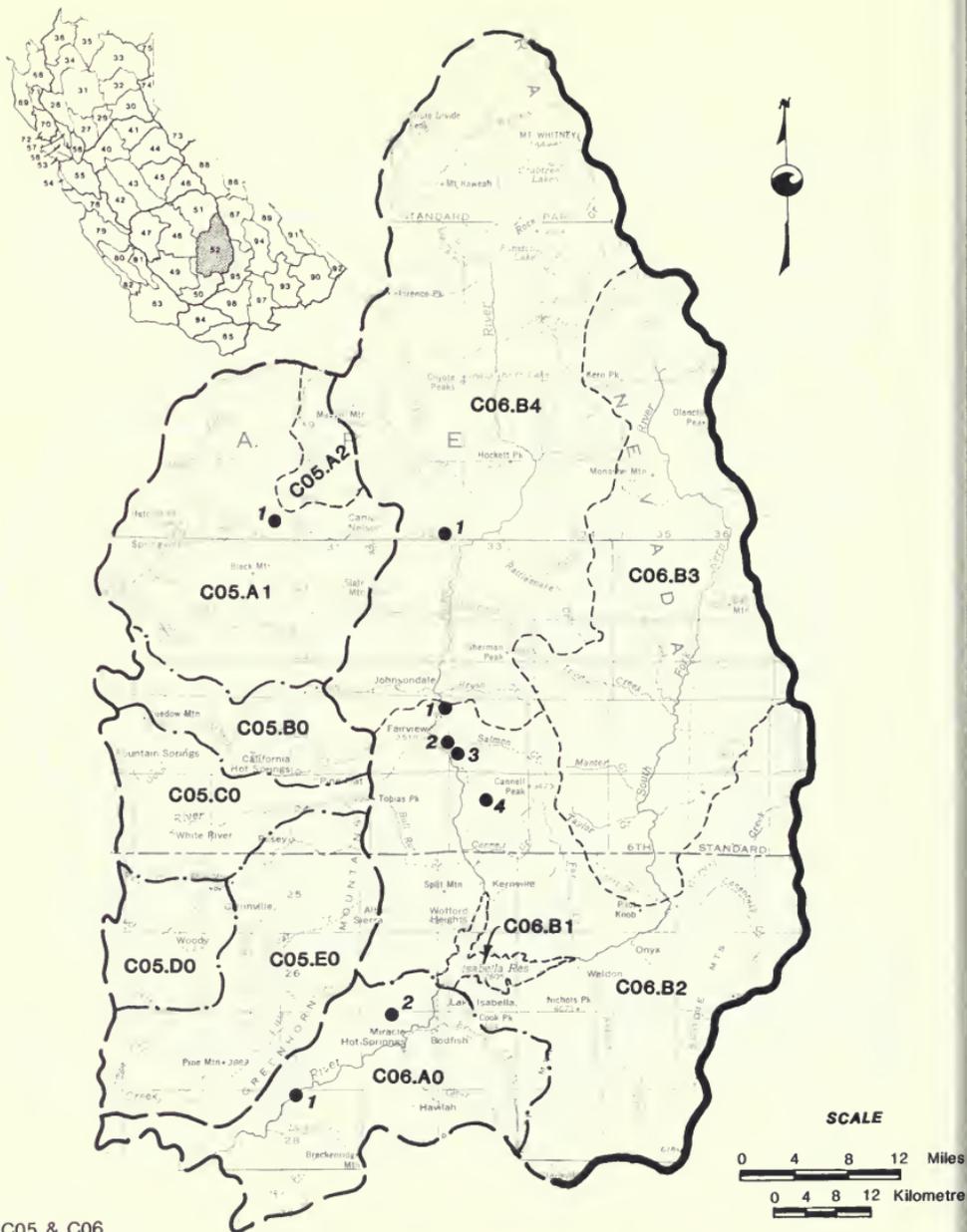
C01.C - G, J - M



C01.N, Q, R, T, V & W



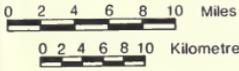
C03 & C04



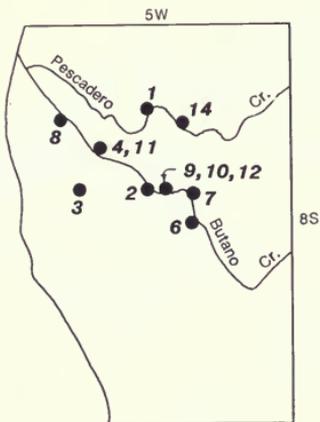
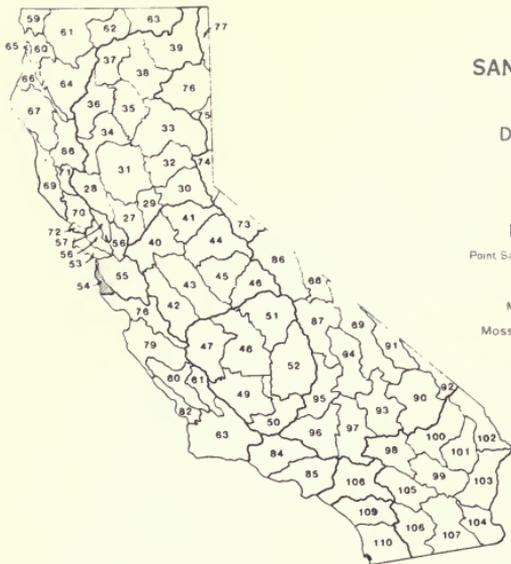
C05 & C06



SCALE



E01 & E03



SCALE

0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres



SCALE

0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres

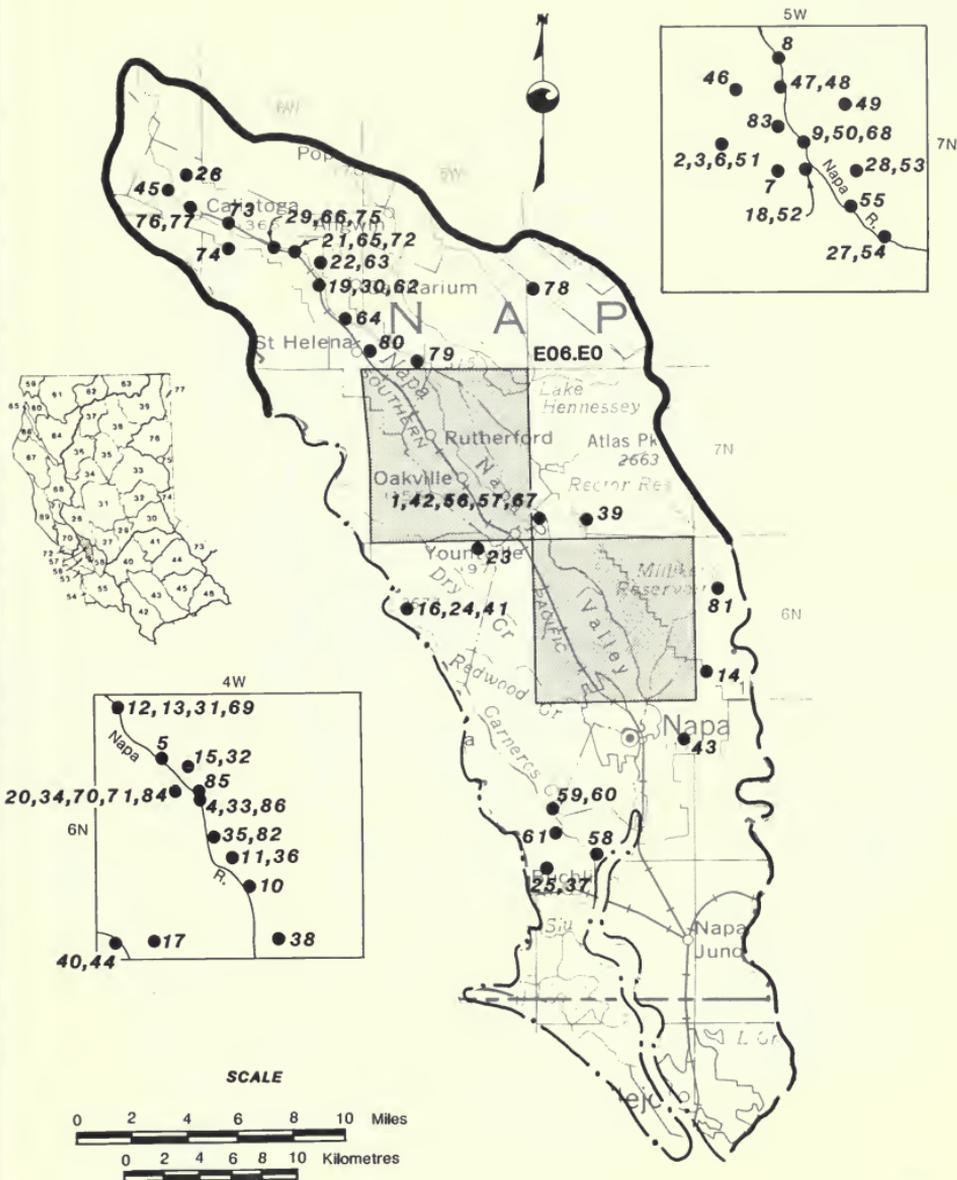
E04 & E05



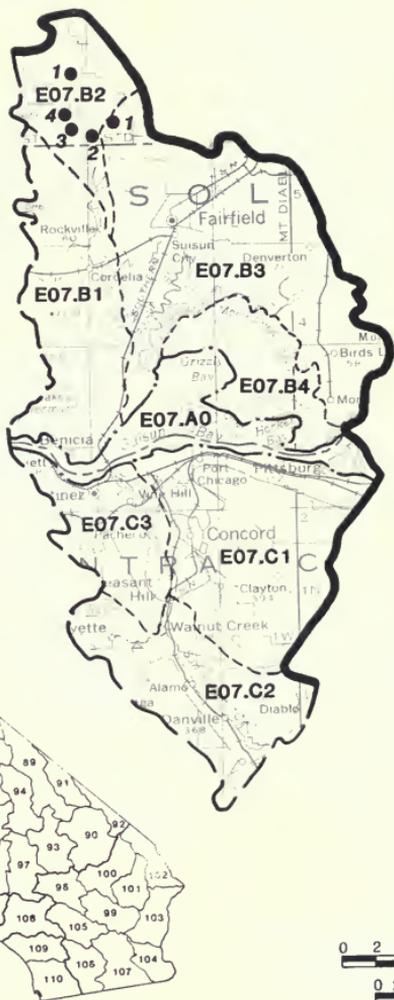
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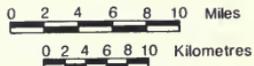
E06.A - D & F

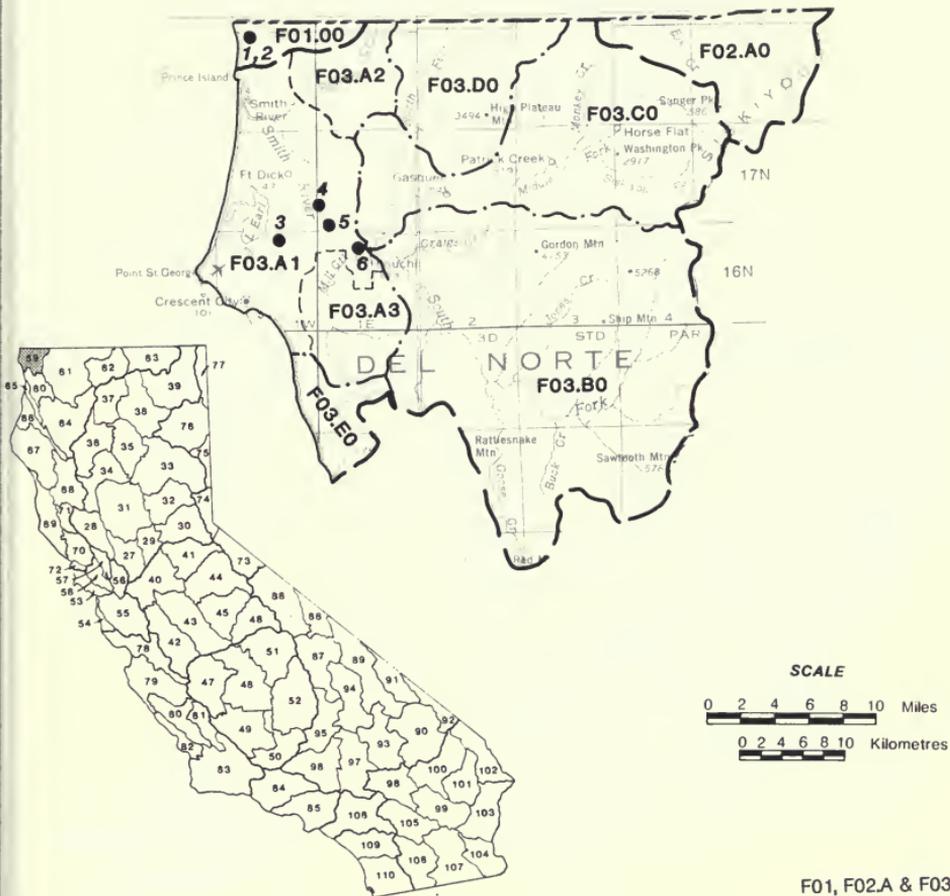


E06.E



SCALE

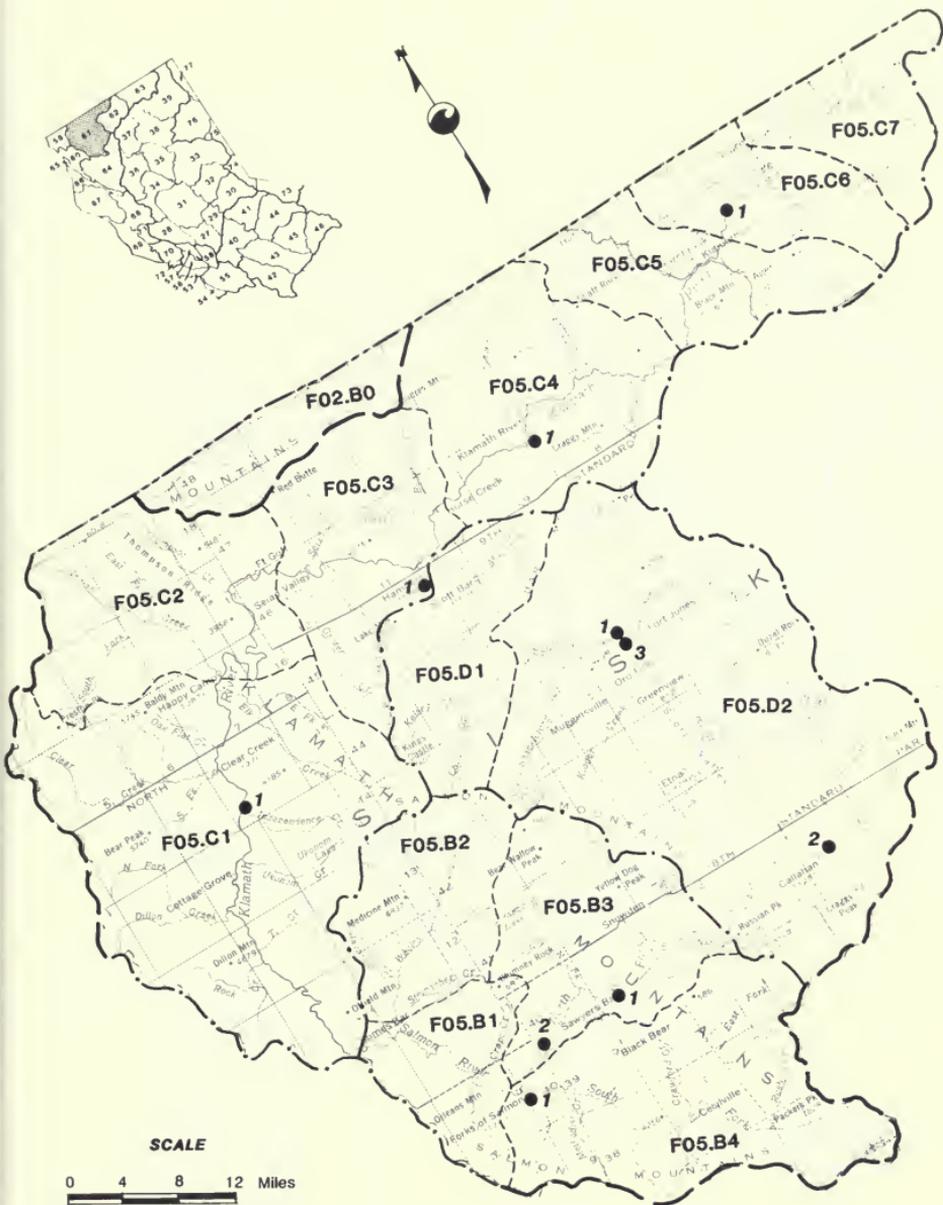




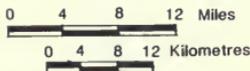
F01, F02.A & F03



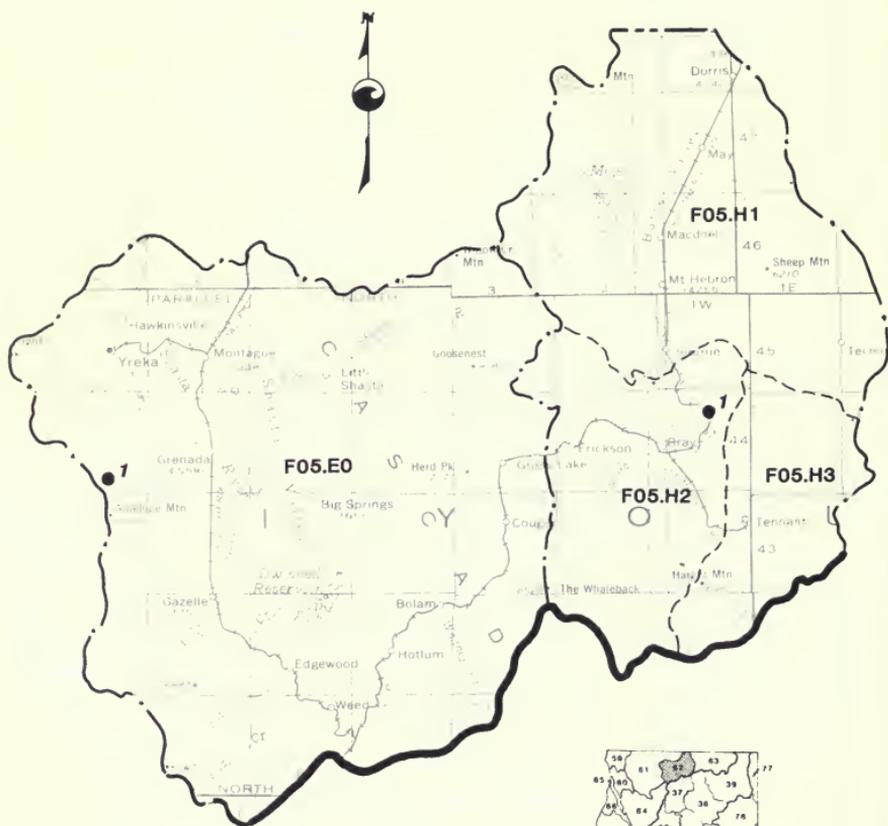
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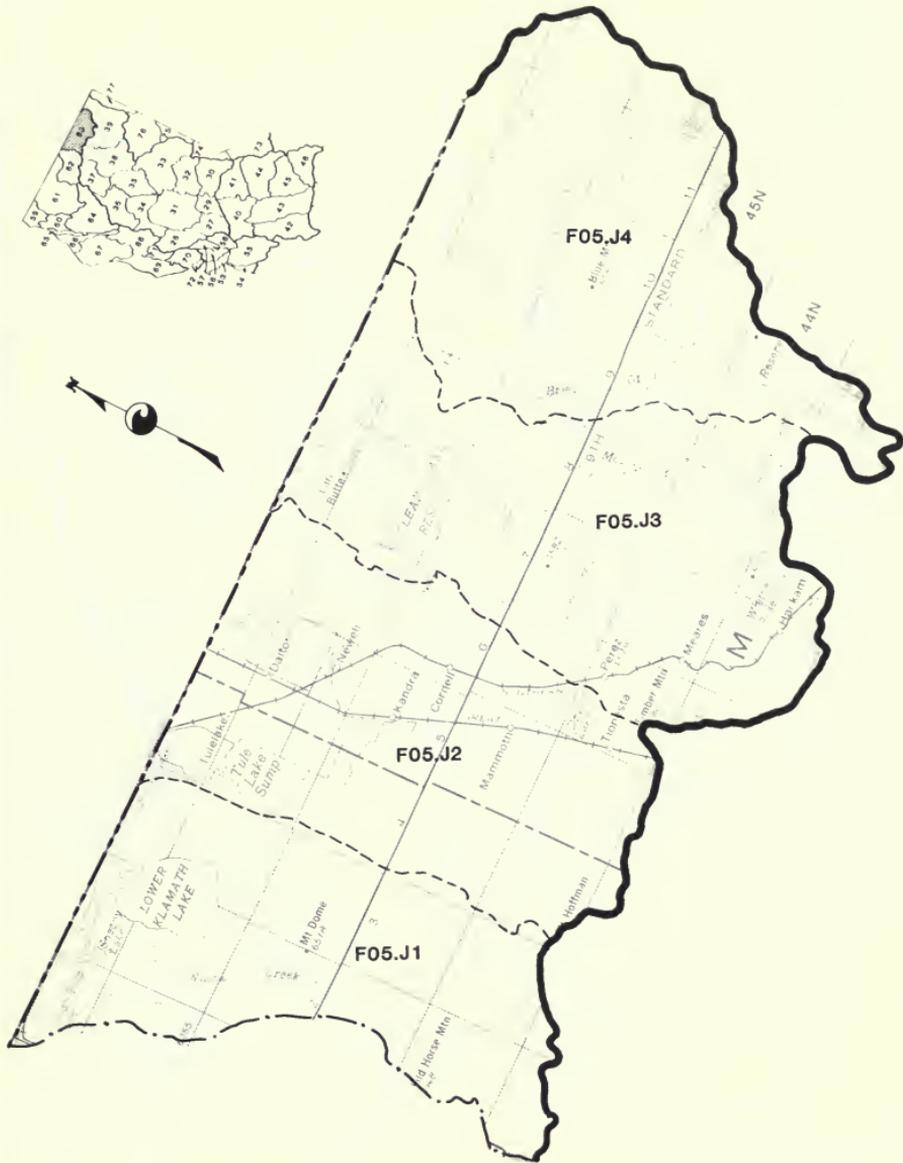
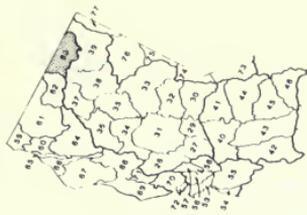
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F02.B, F05.B, C & D



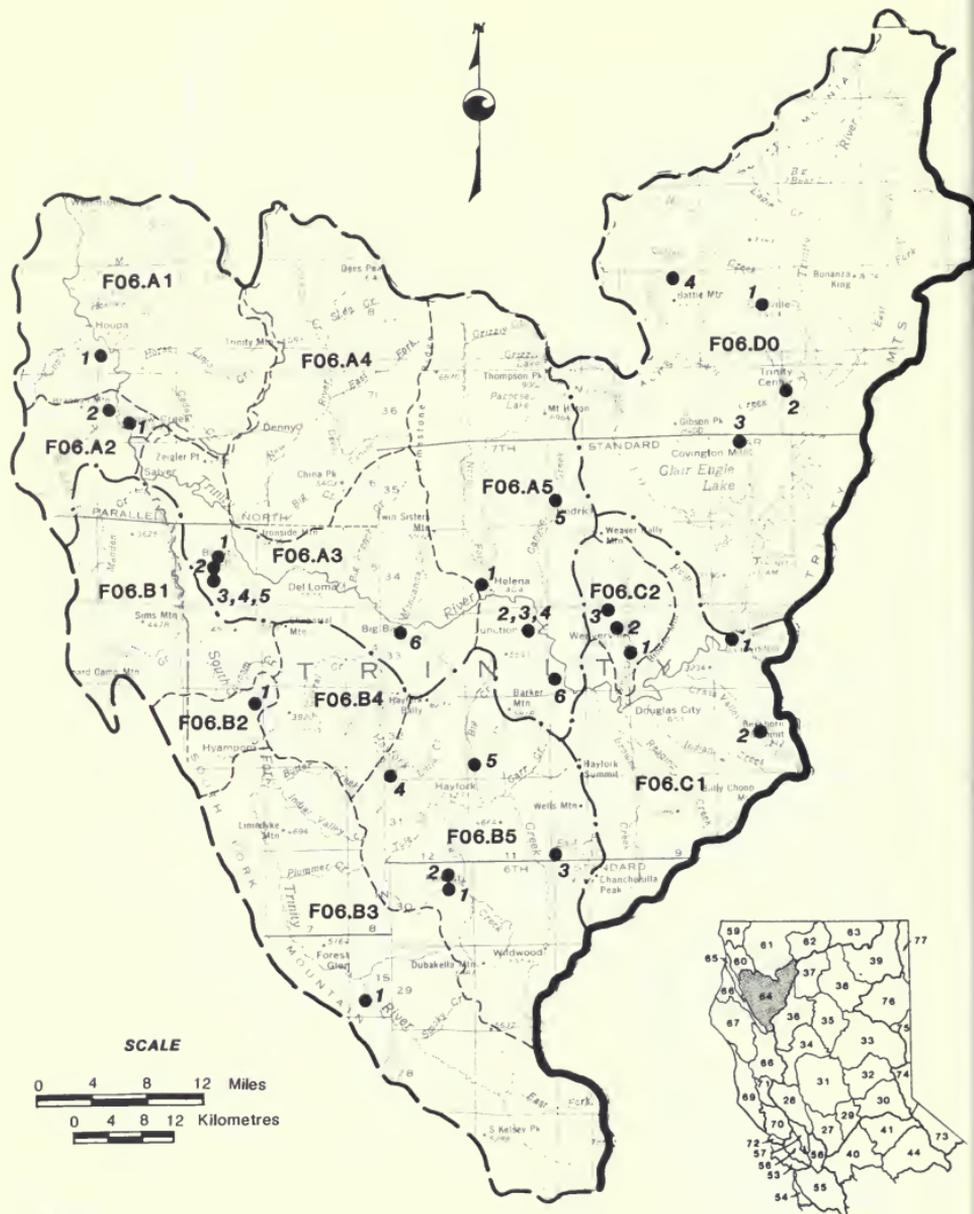
F05.E & H



SCALE



F05.J



F06

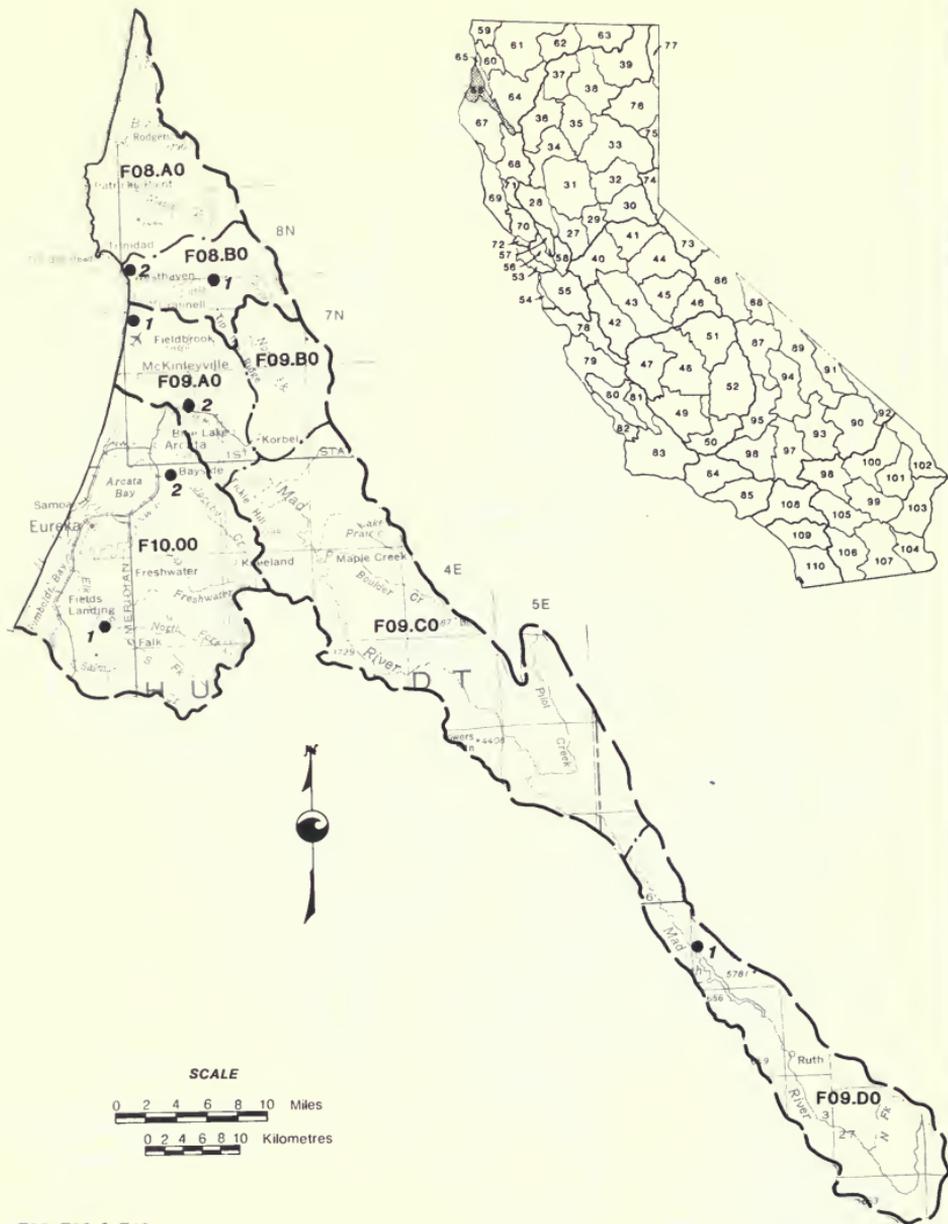


SCALE

0 2 4 6 8 10 Miles

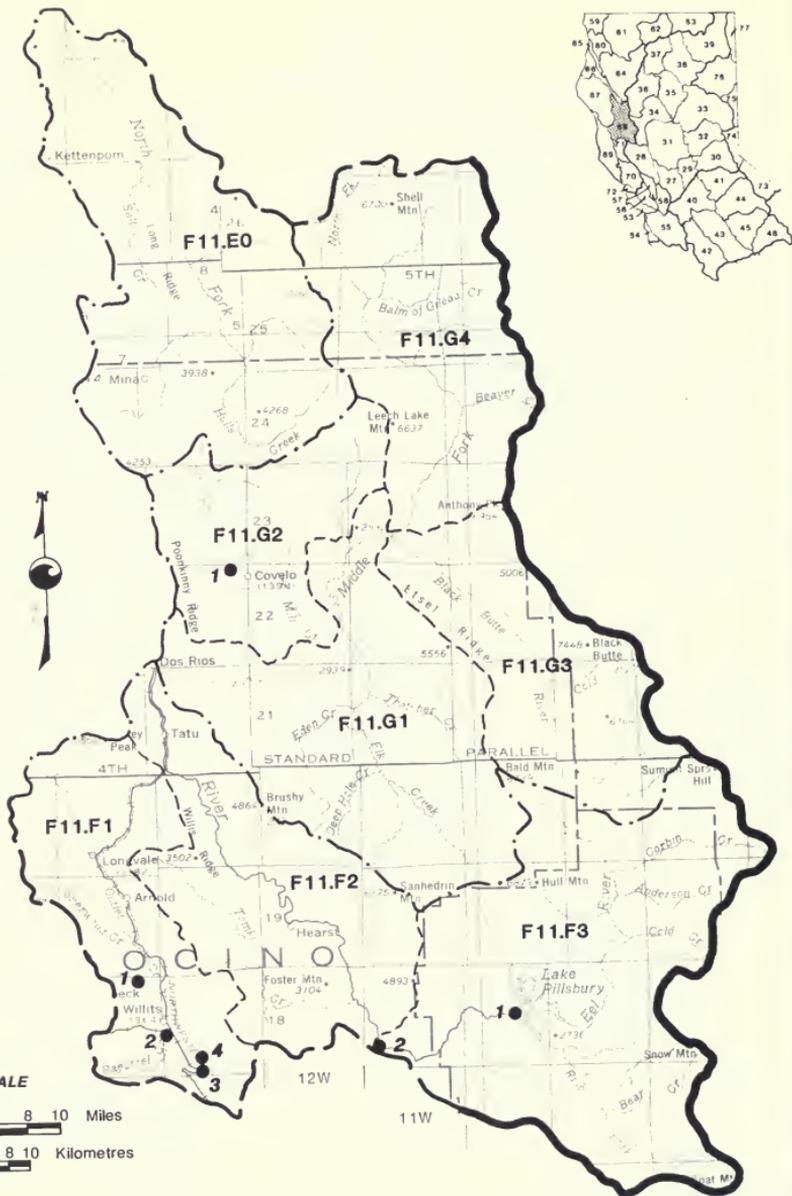
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F07



F08, F09 & F10





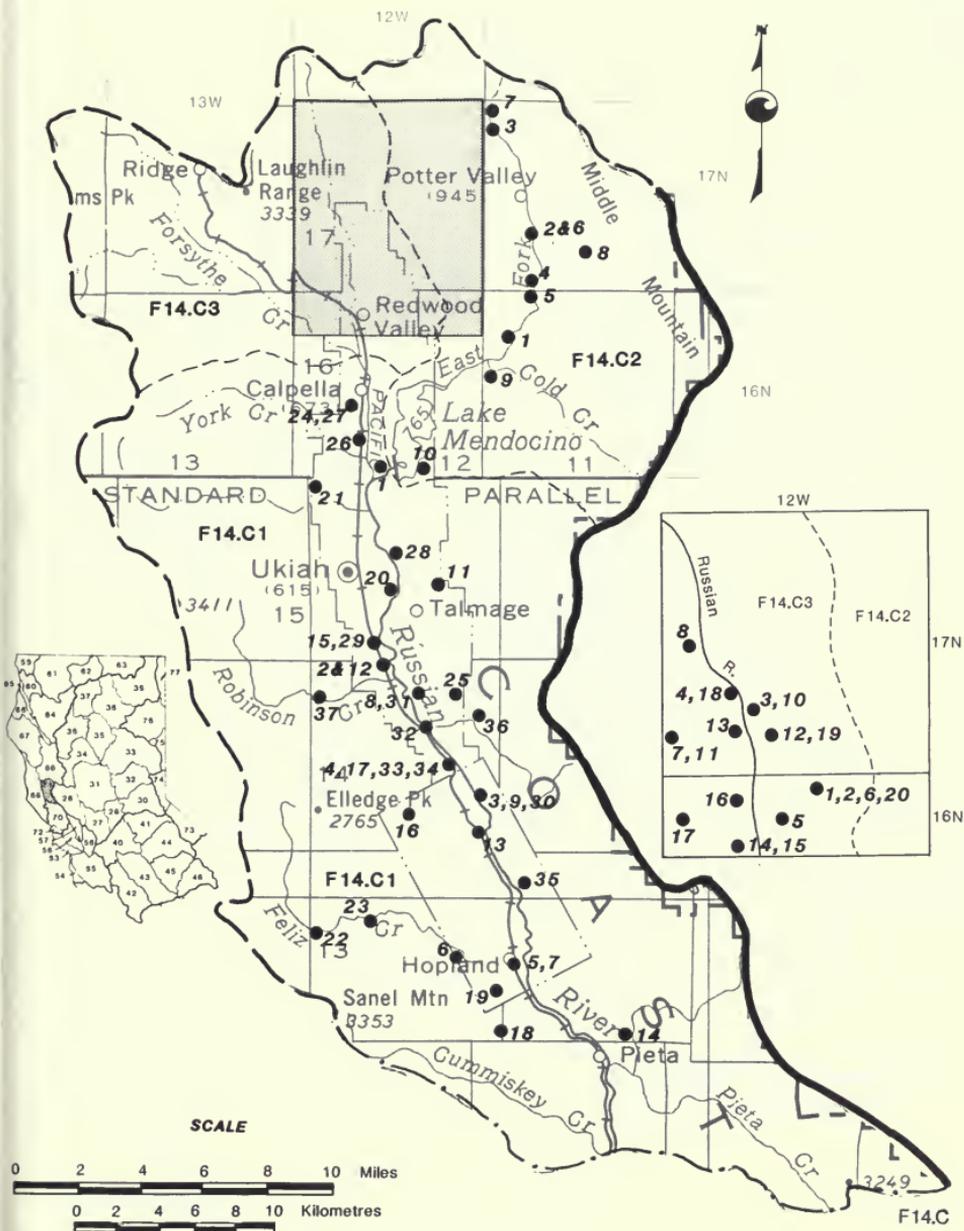
F11.E, F & G



F13

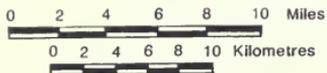


F14.A & B



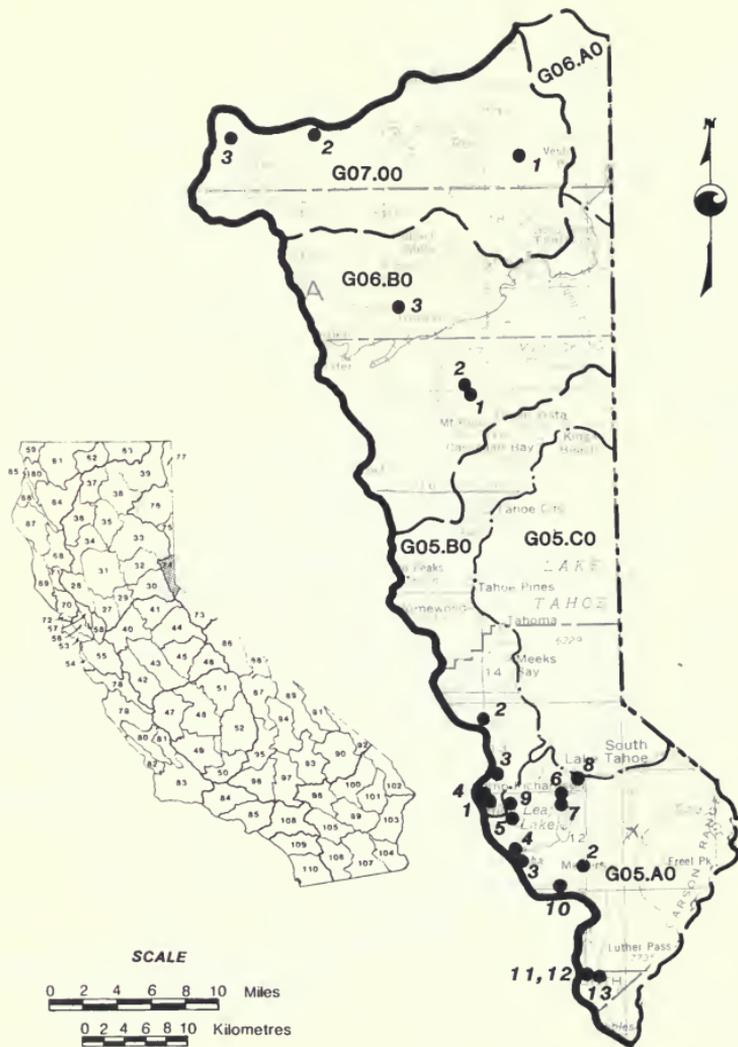


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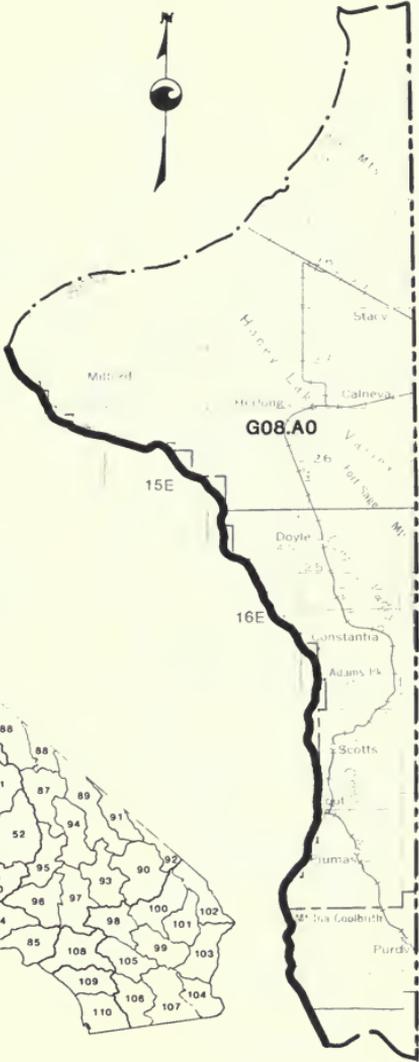




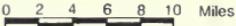
G01 - G04



G05, G06 & G07



SCALE



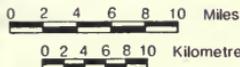
G08.A



G08.B, C, D, G09 & G10



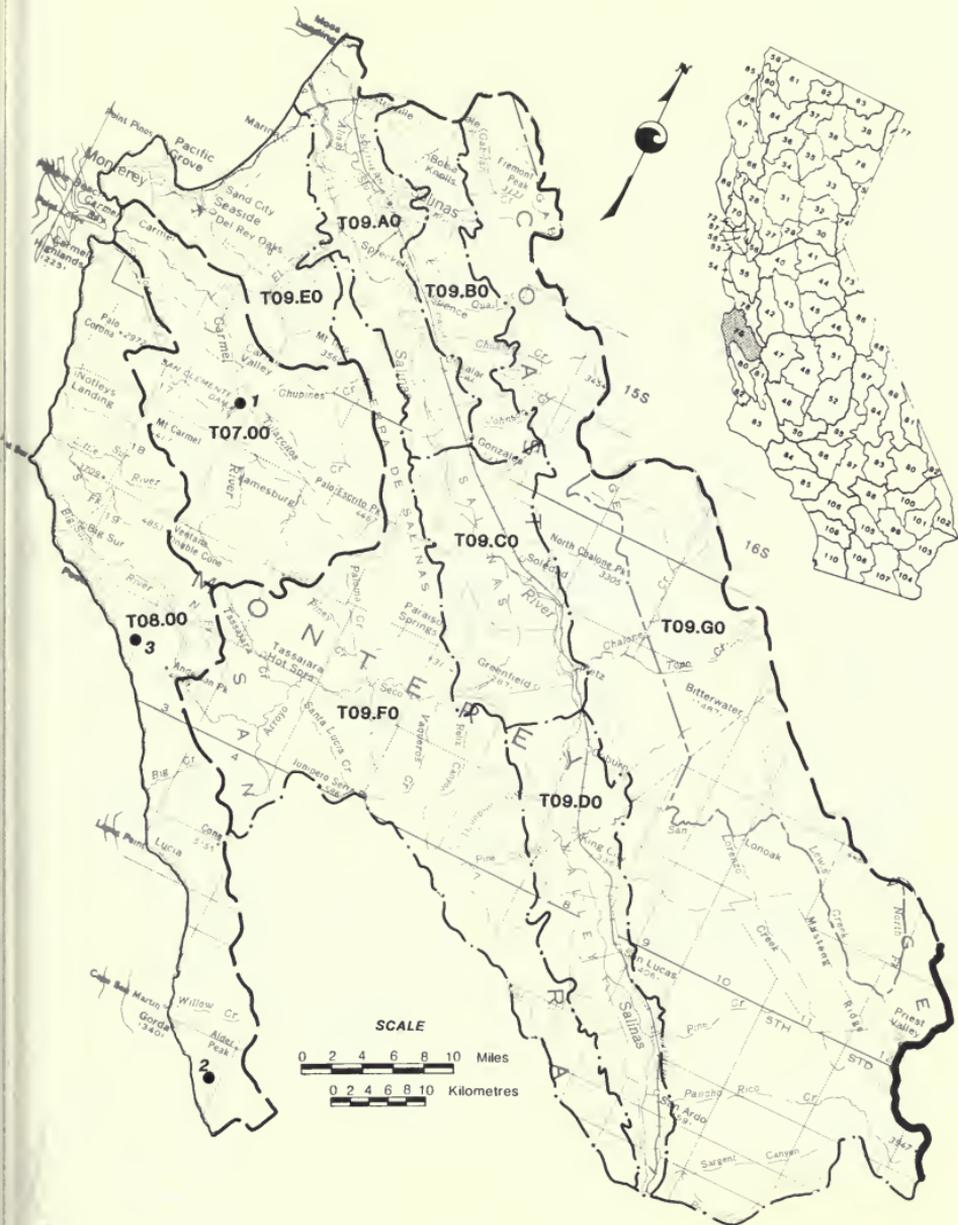
SCALE



G11, G12 & G13



T04, T05 & T06



T07, T08, T09.A - G



T09.H & J



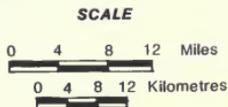
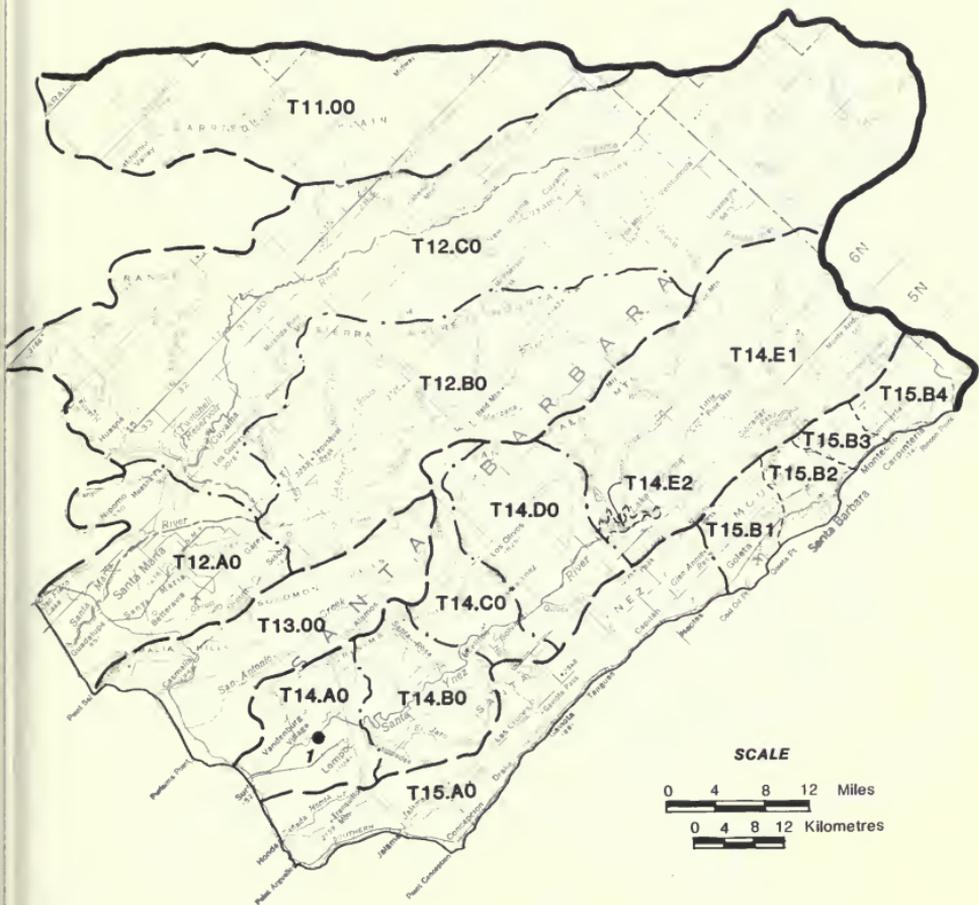
SCALE



T09.K



T10



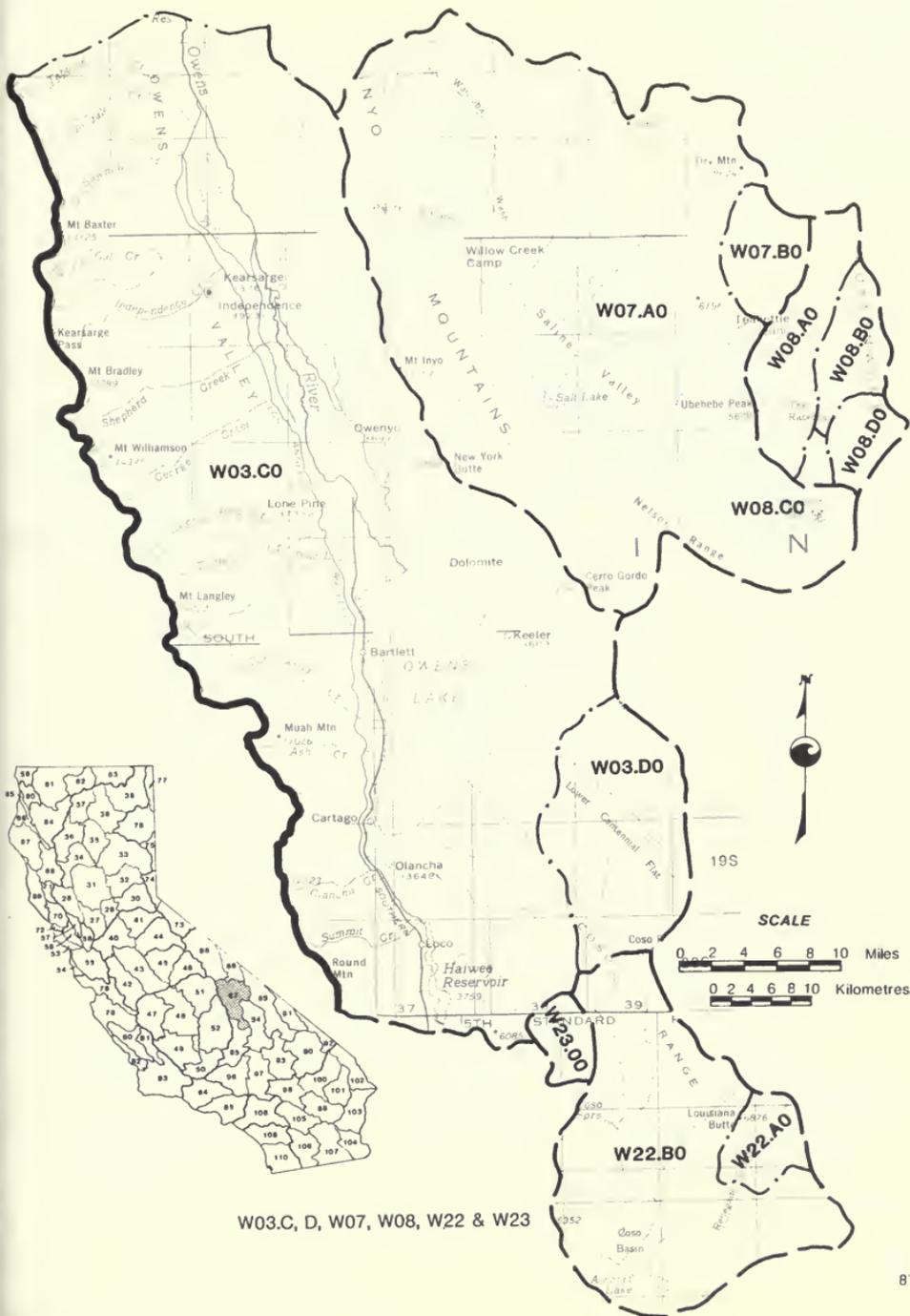
T11 - T15



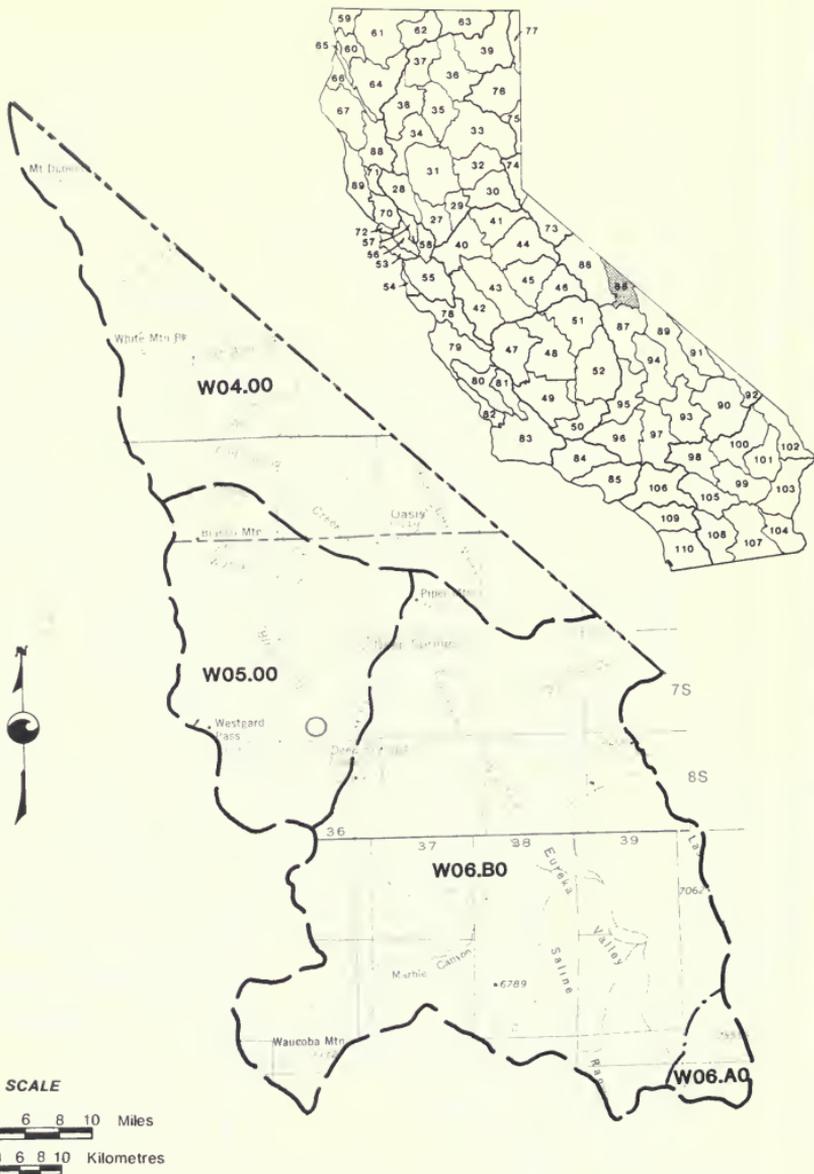
U01, U02 & U03



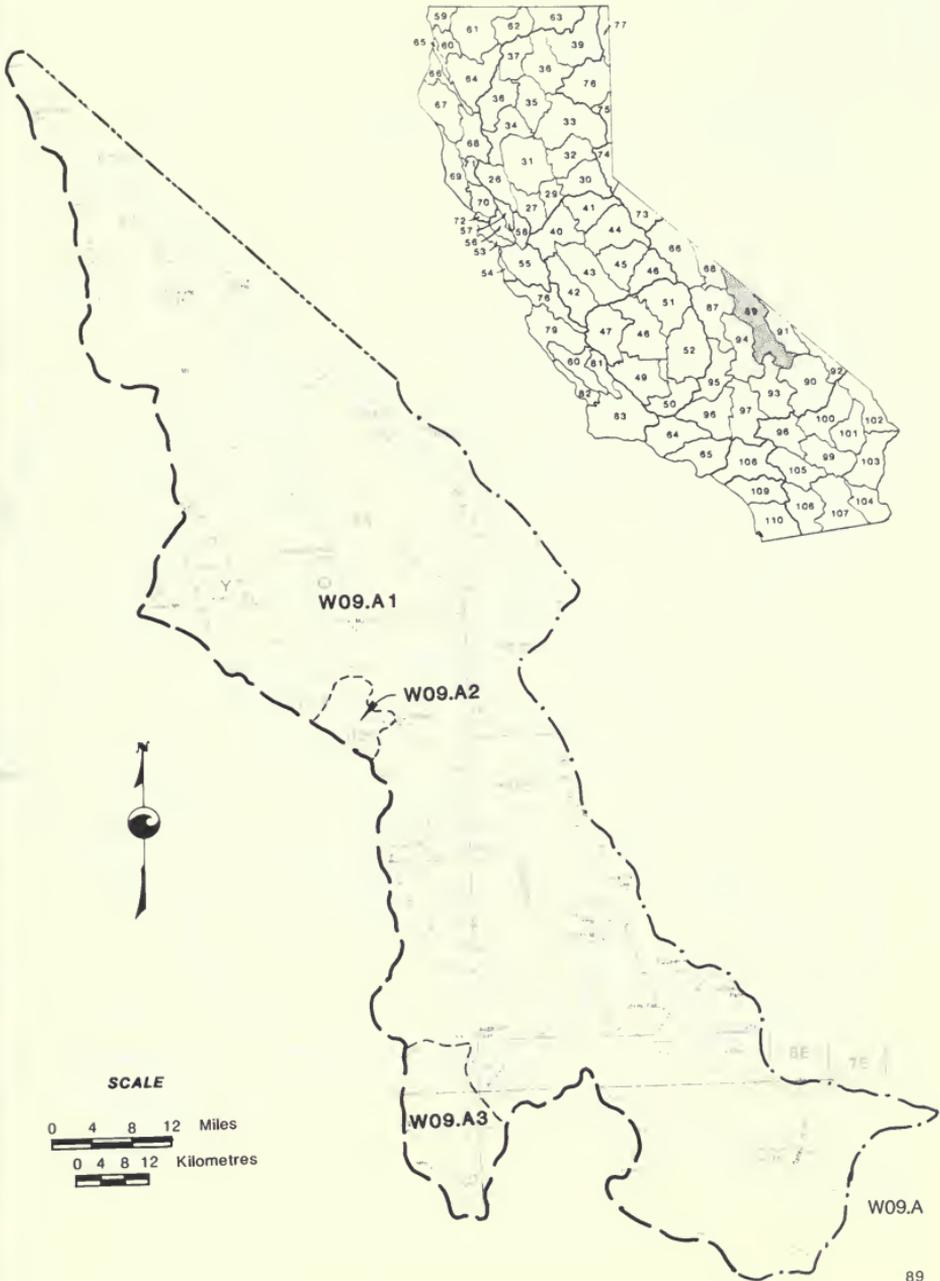
W01, W02, W03.A & B

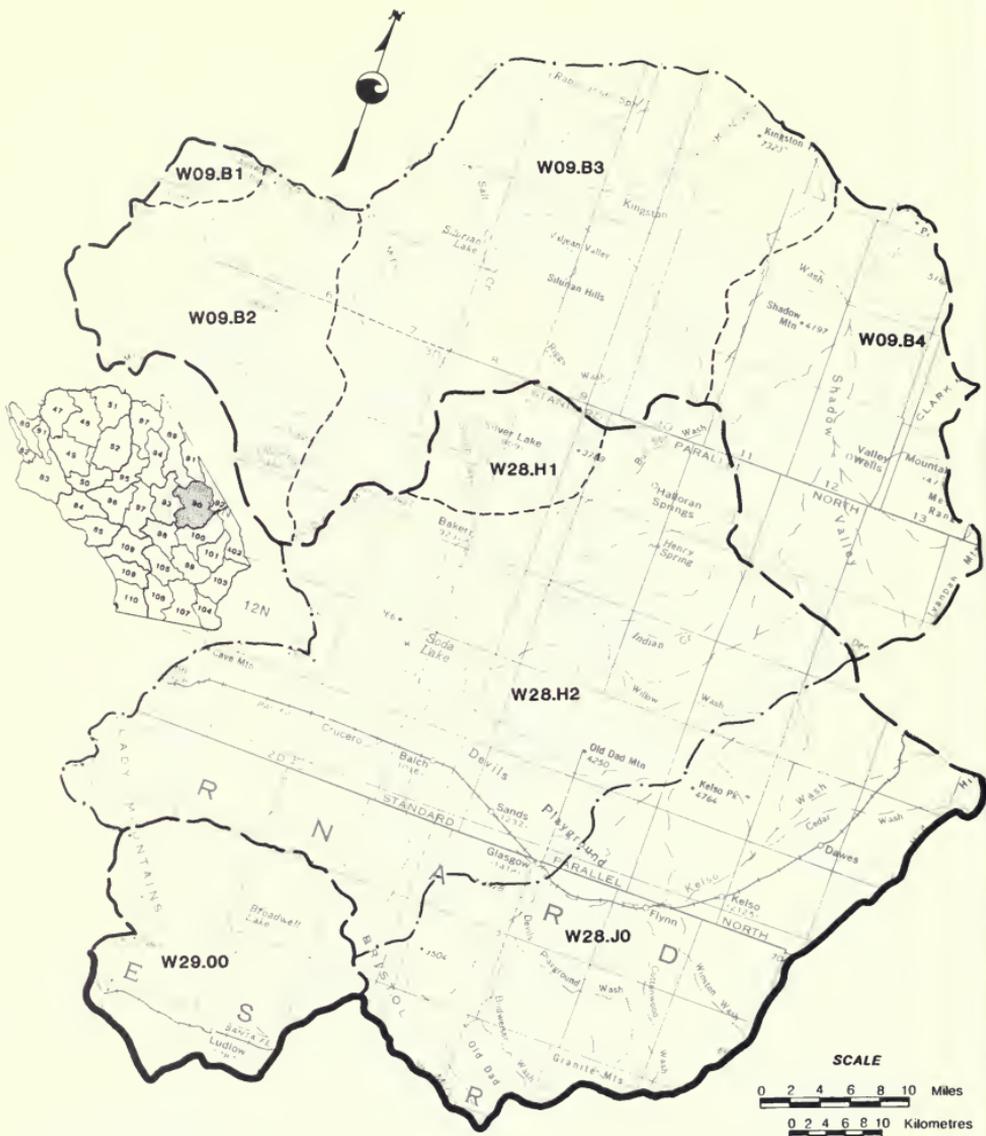


W03.C, D, W07, W08, W22 & W23

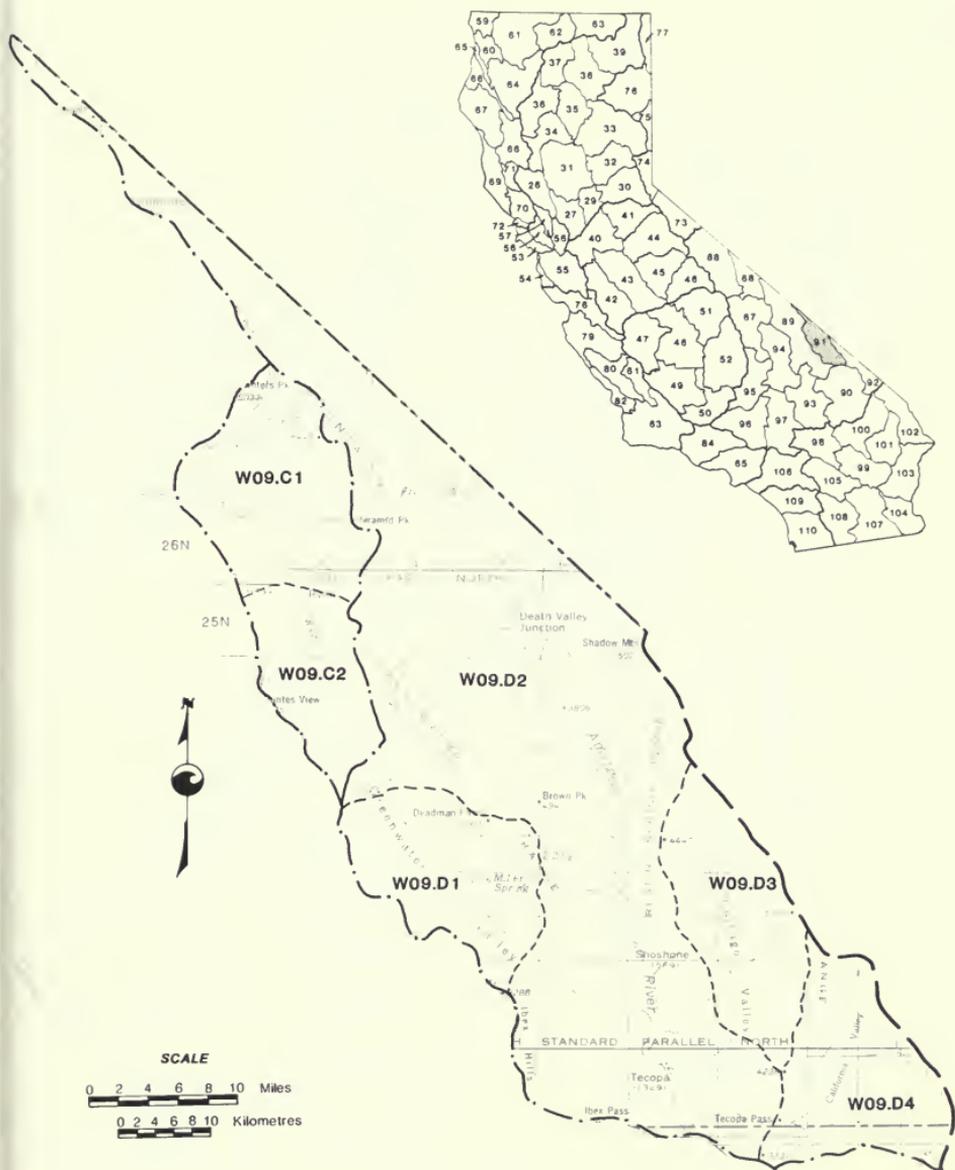


W04, W05 & W06

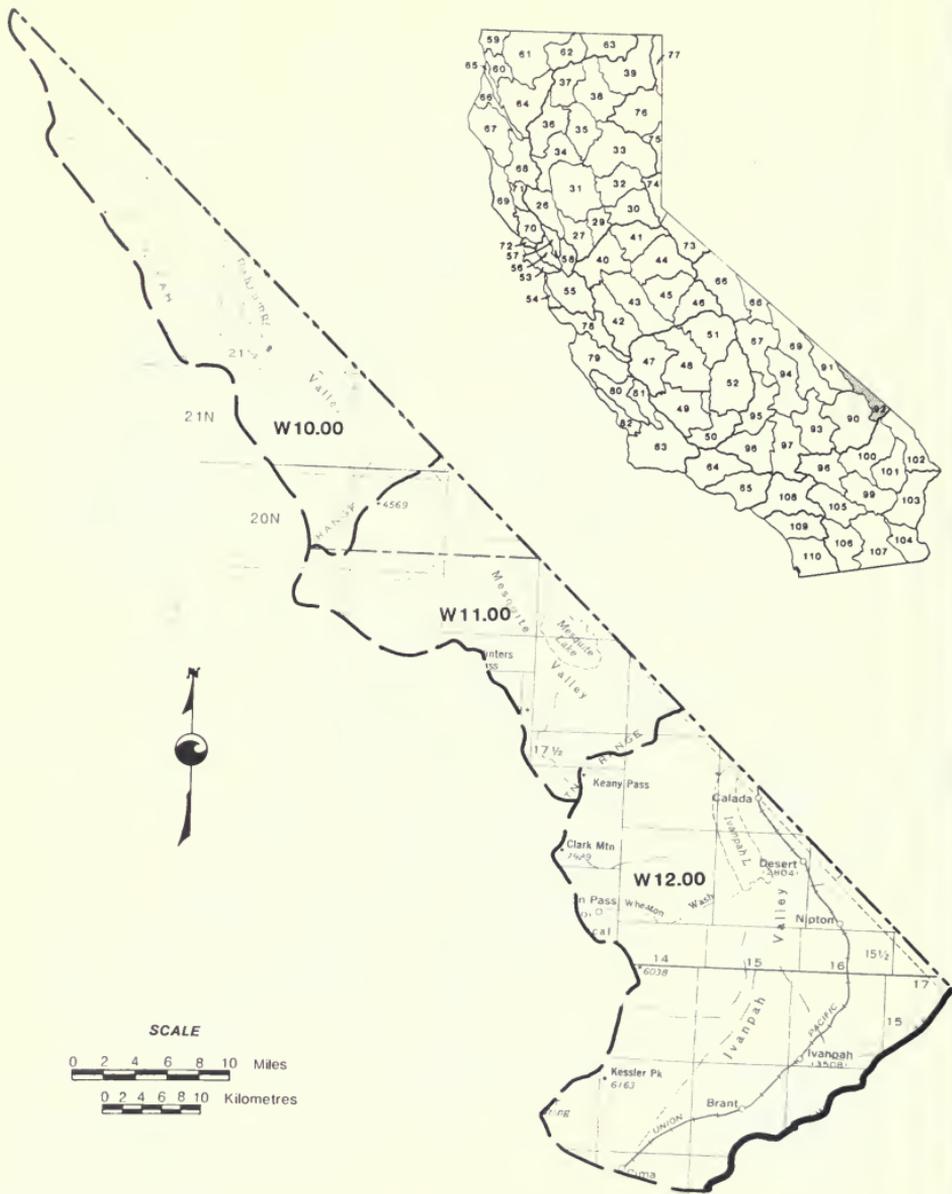




W09.B, W28.H, J & W29

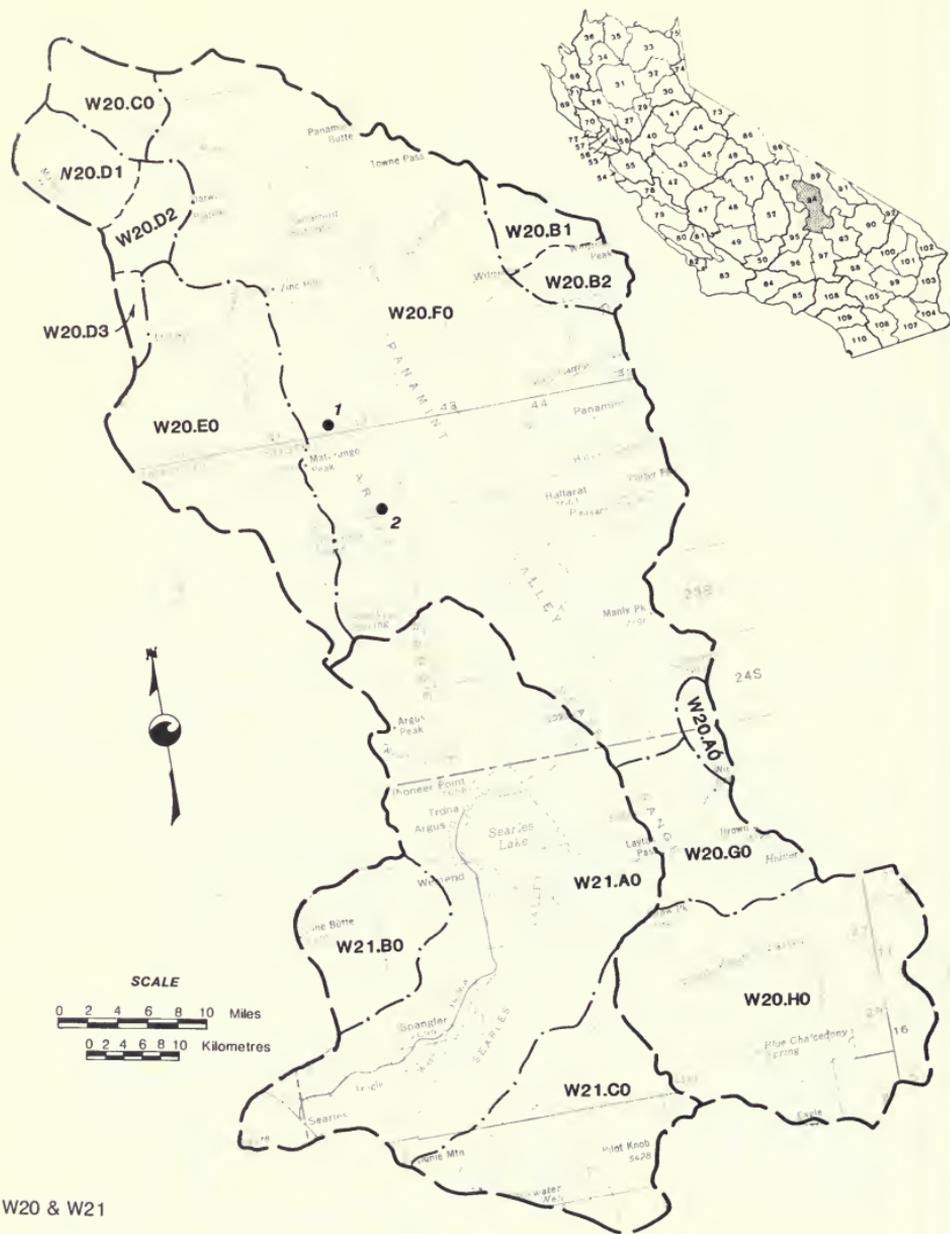


W09.C & D

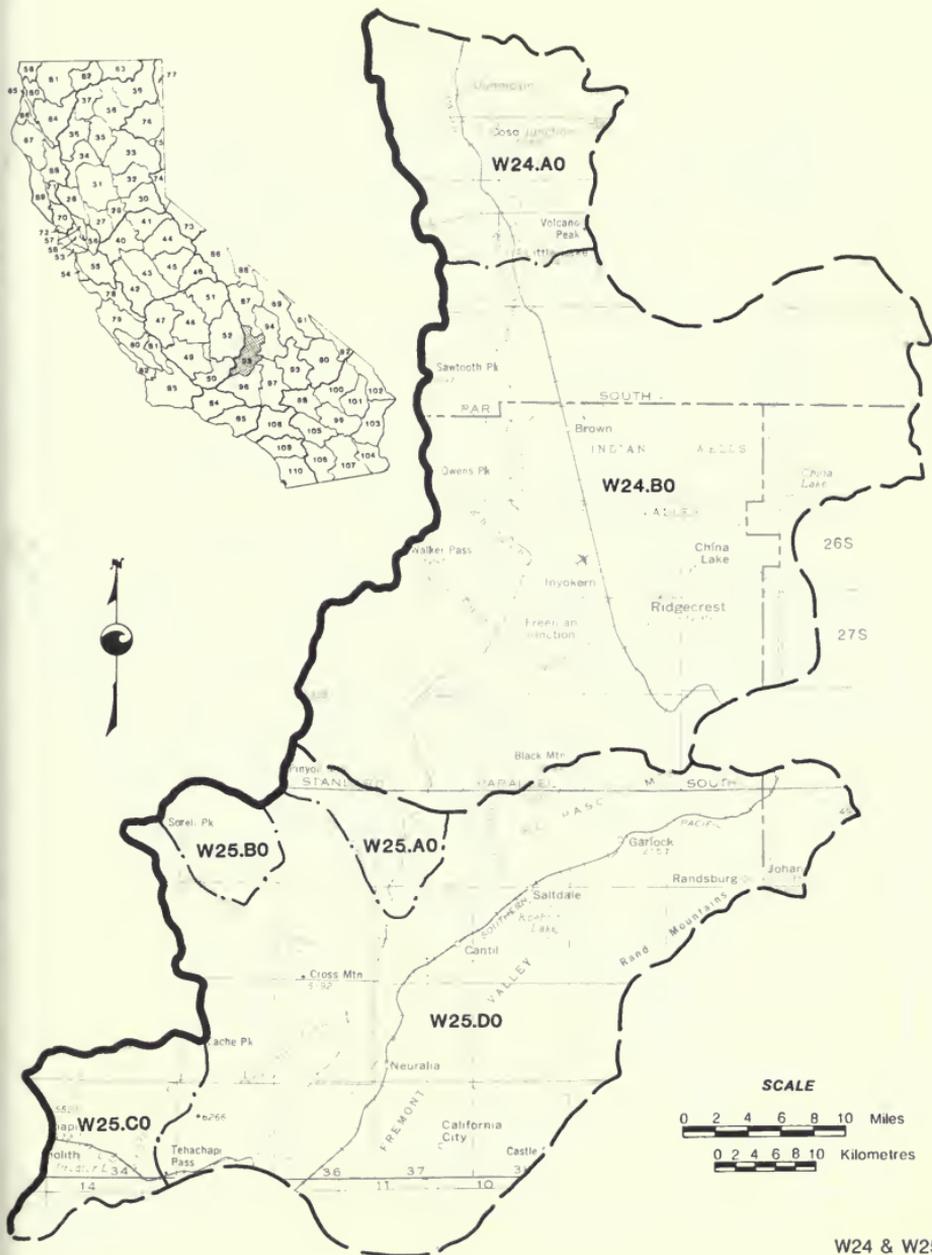


W10, W11 & W12



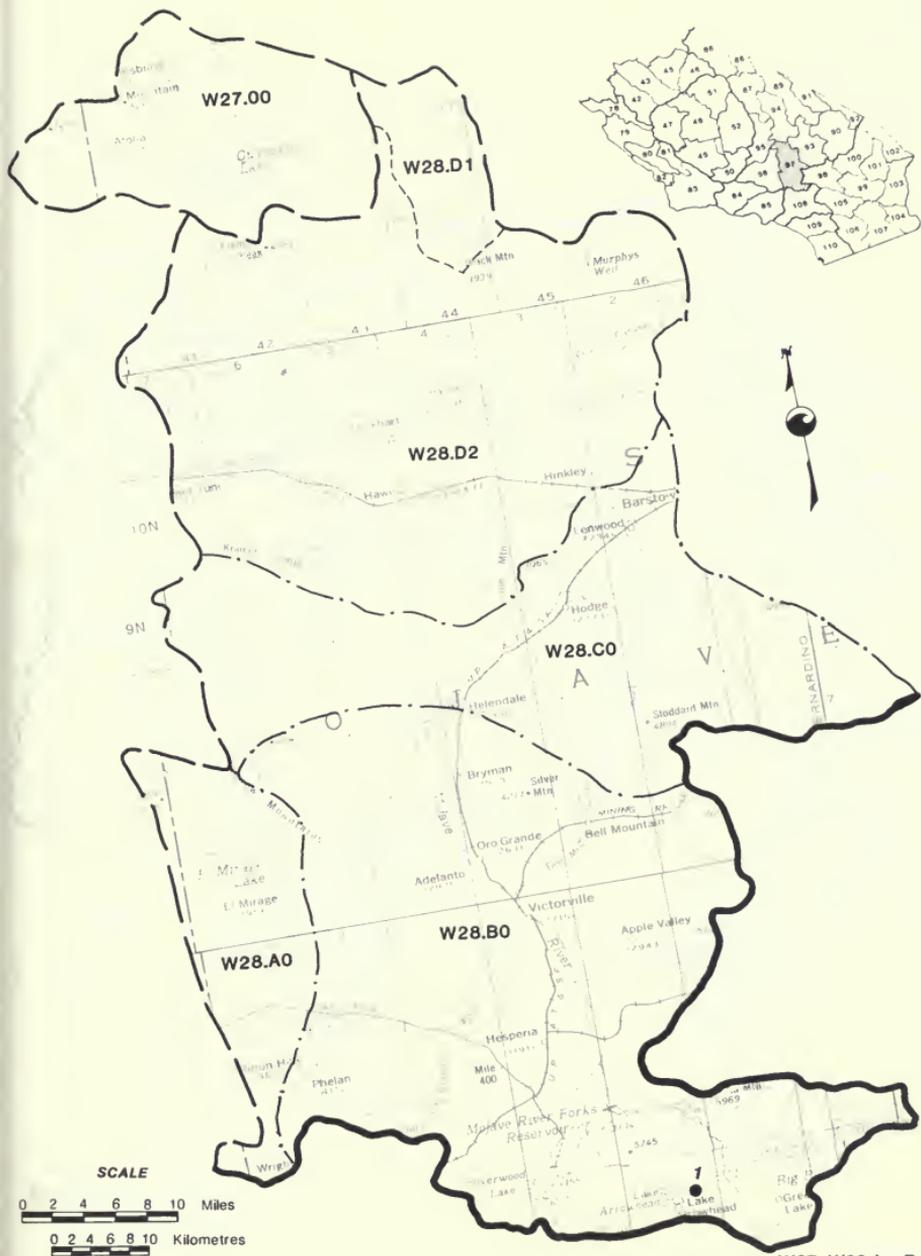


W20 & W21



W24 & W25

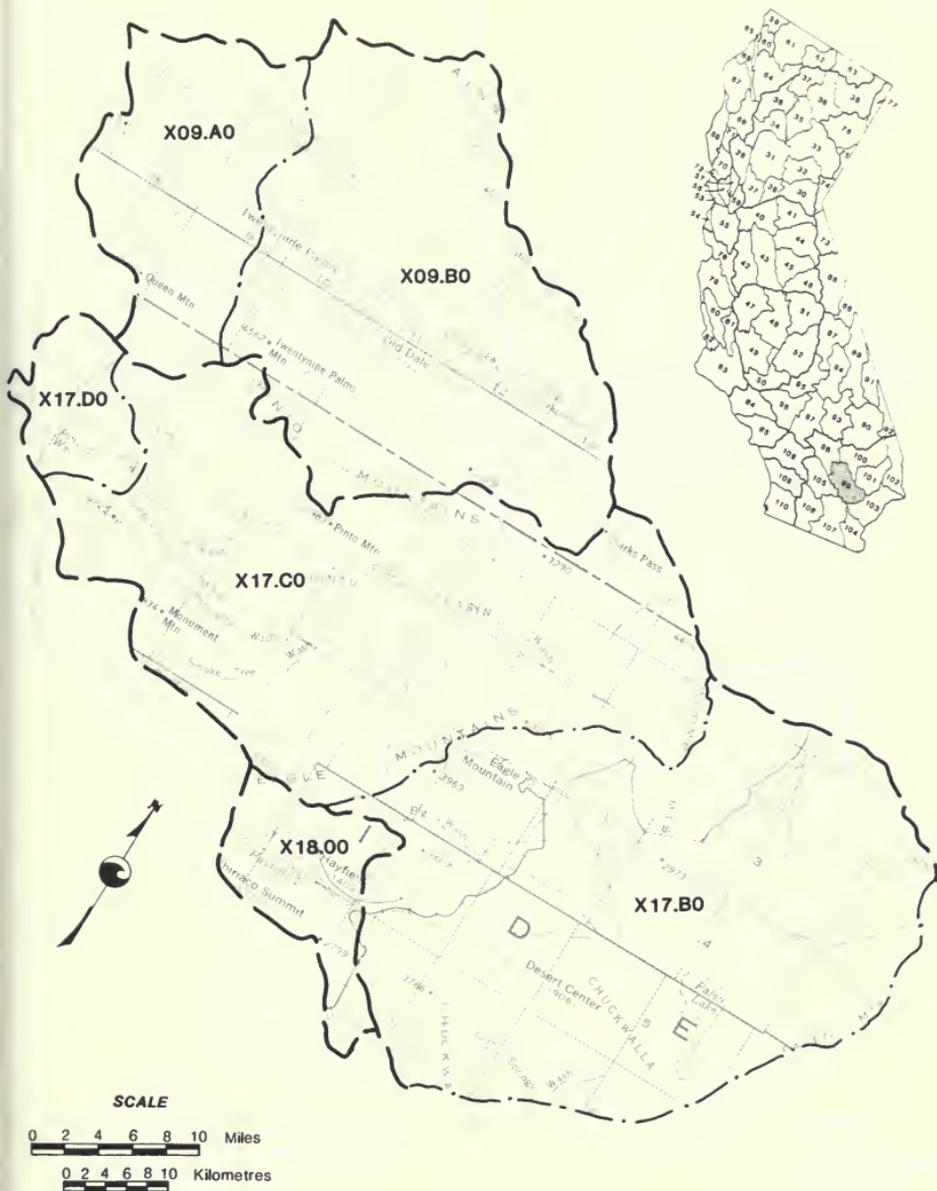




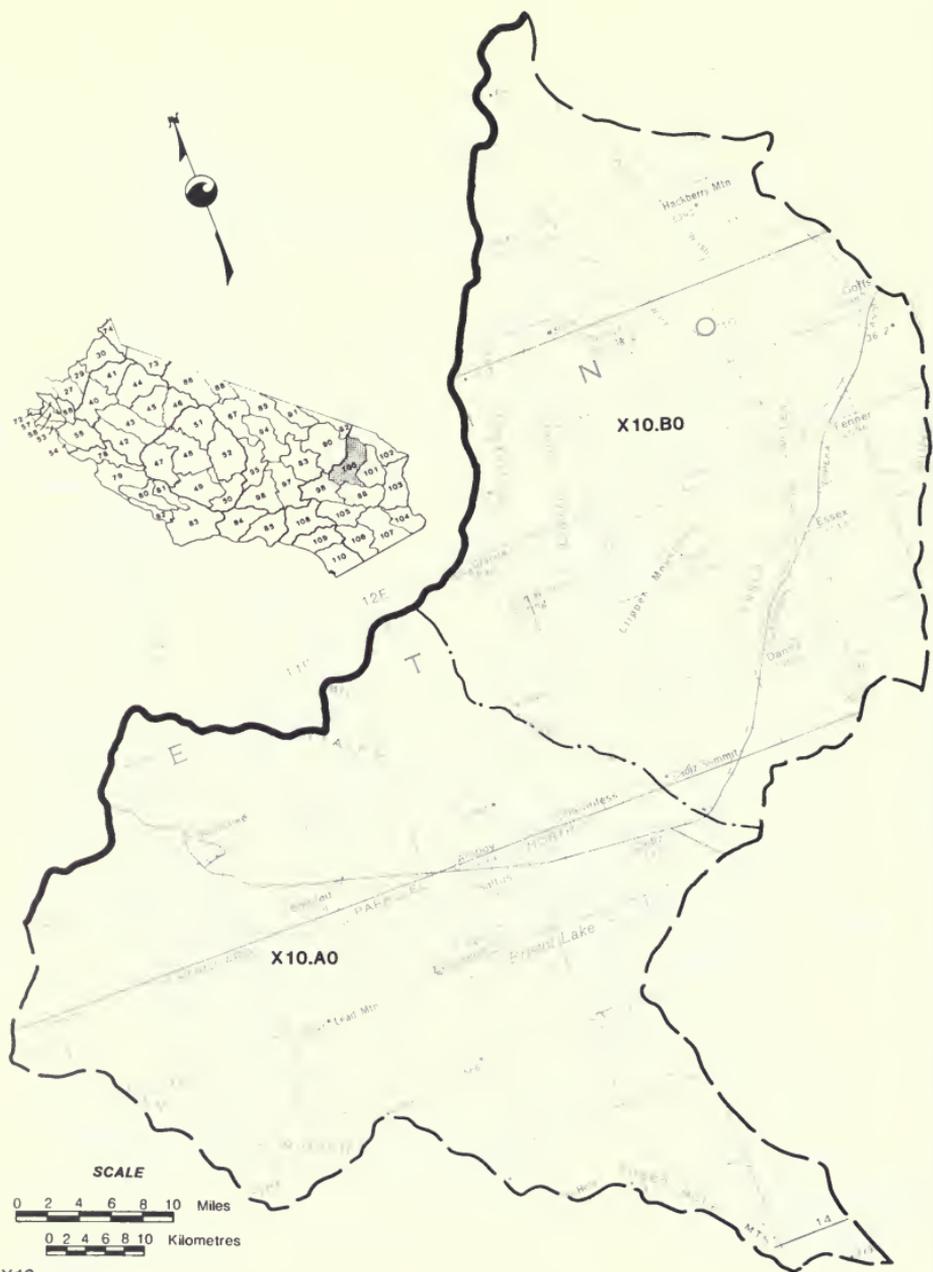
W27, W28.A - D



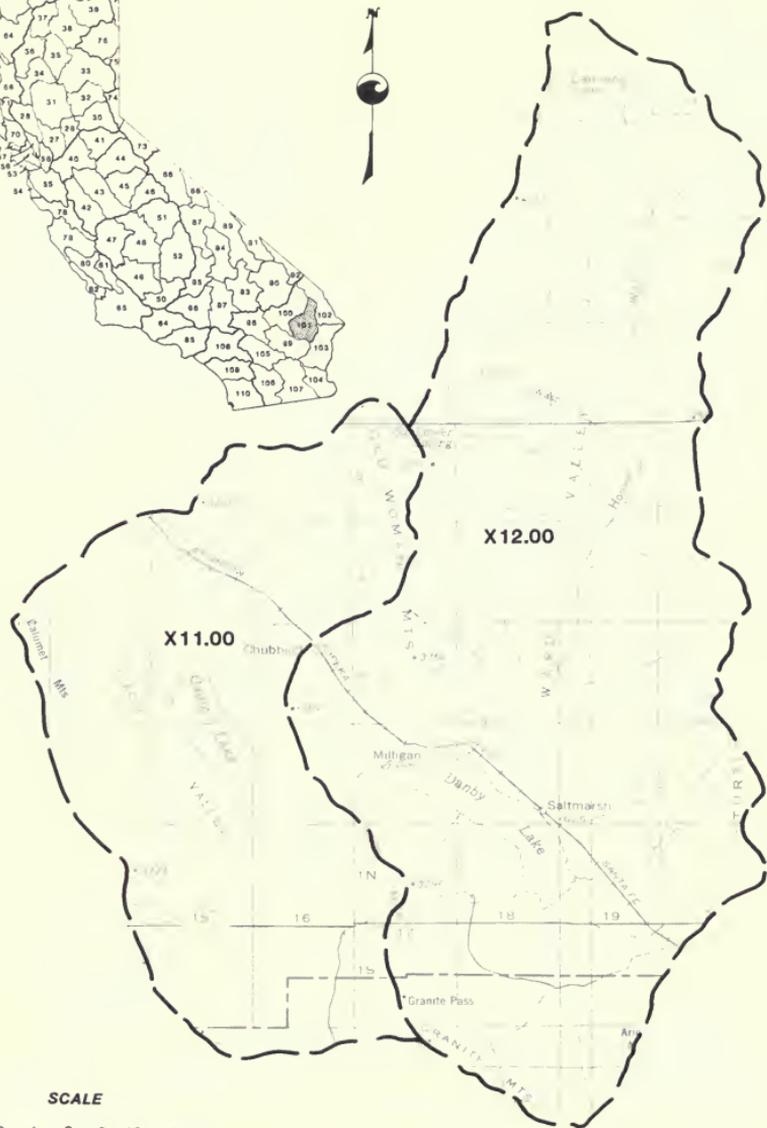
X01 - X08



X09, X17.B, C, D & X18



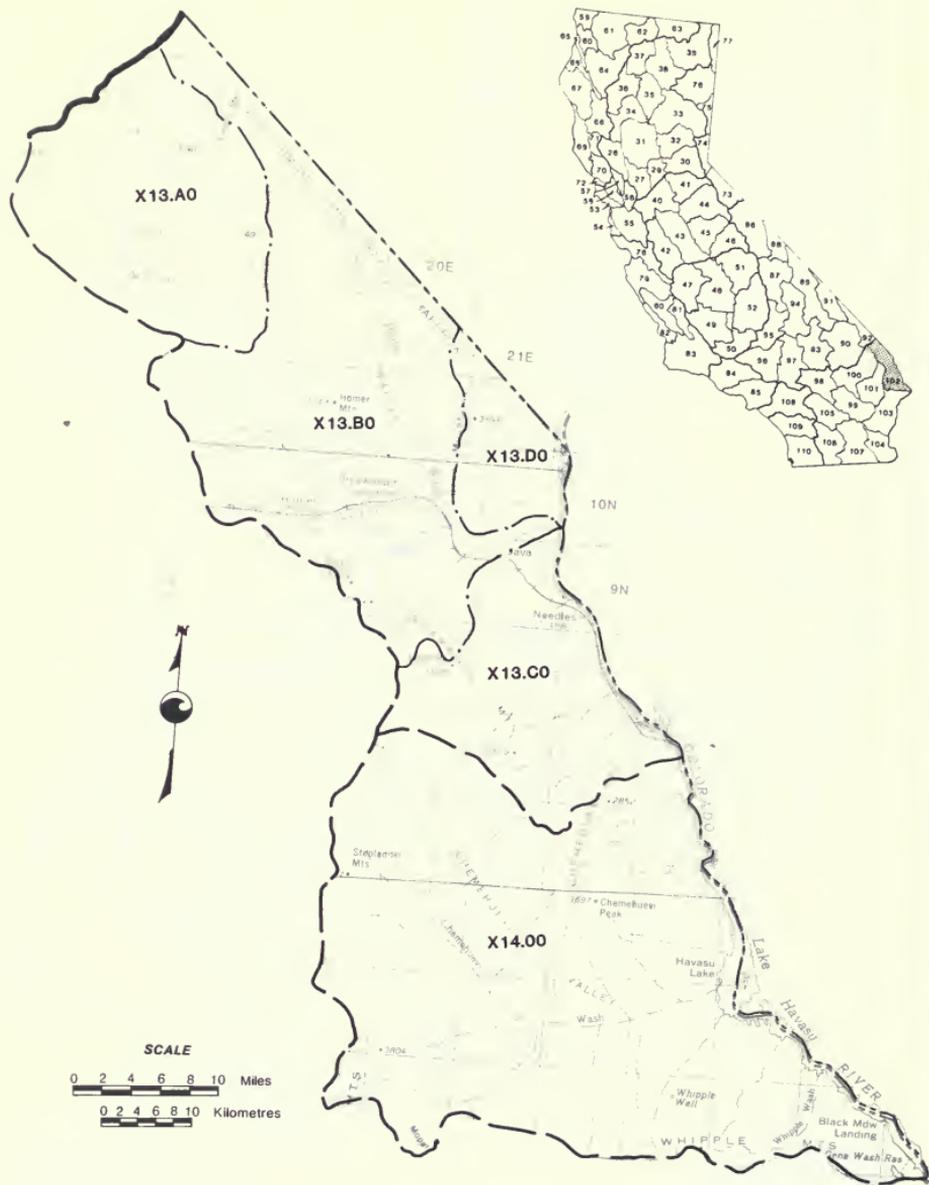
X10



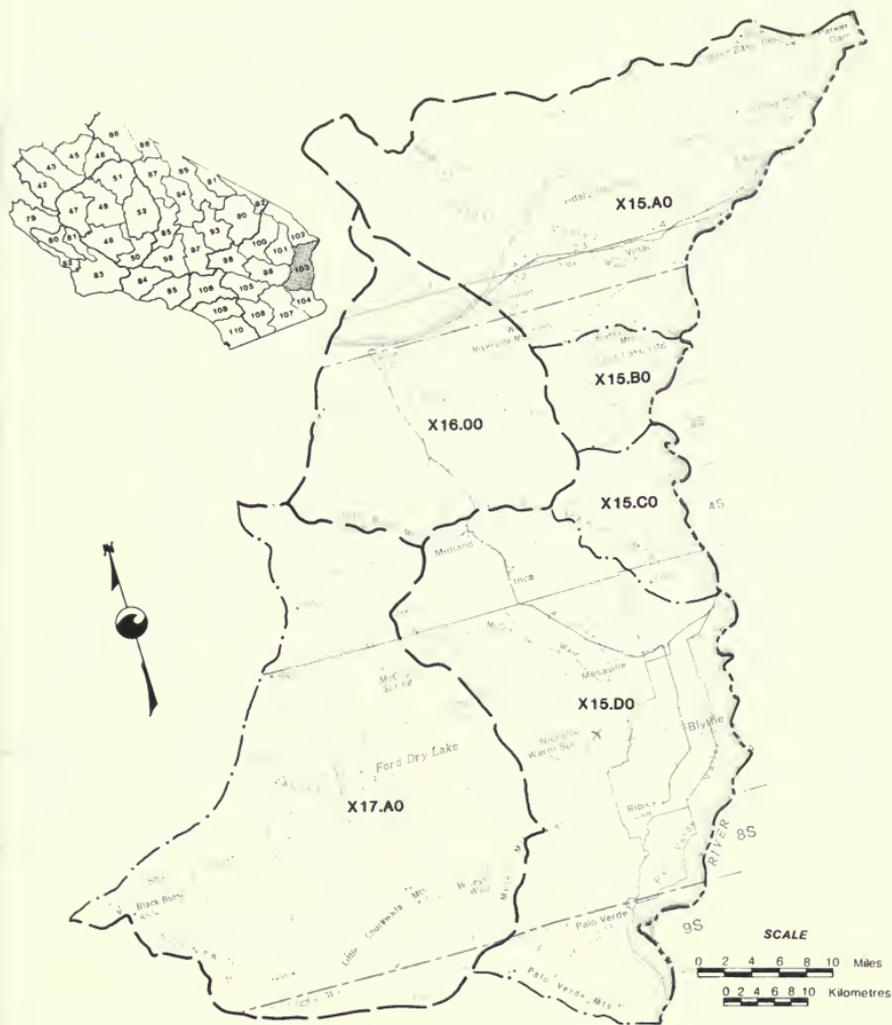
SCALE



X11 & X12



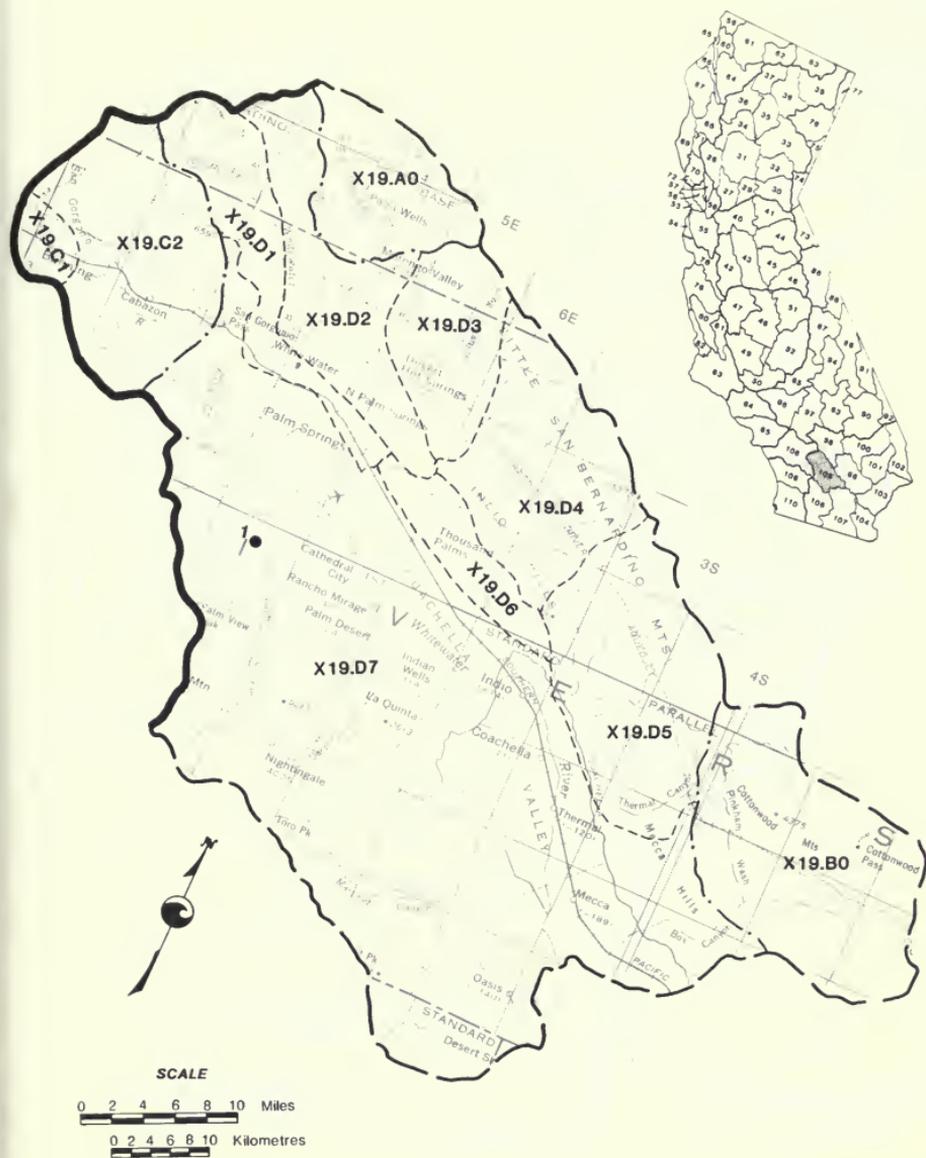
X13 & X14

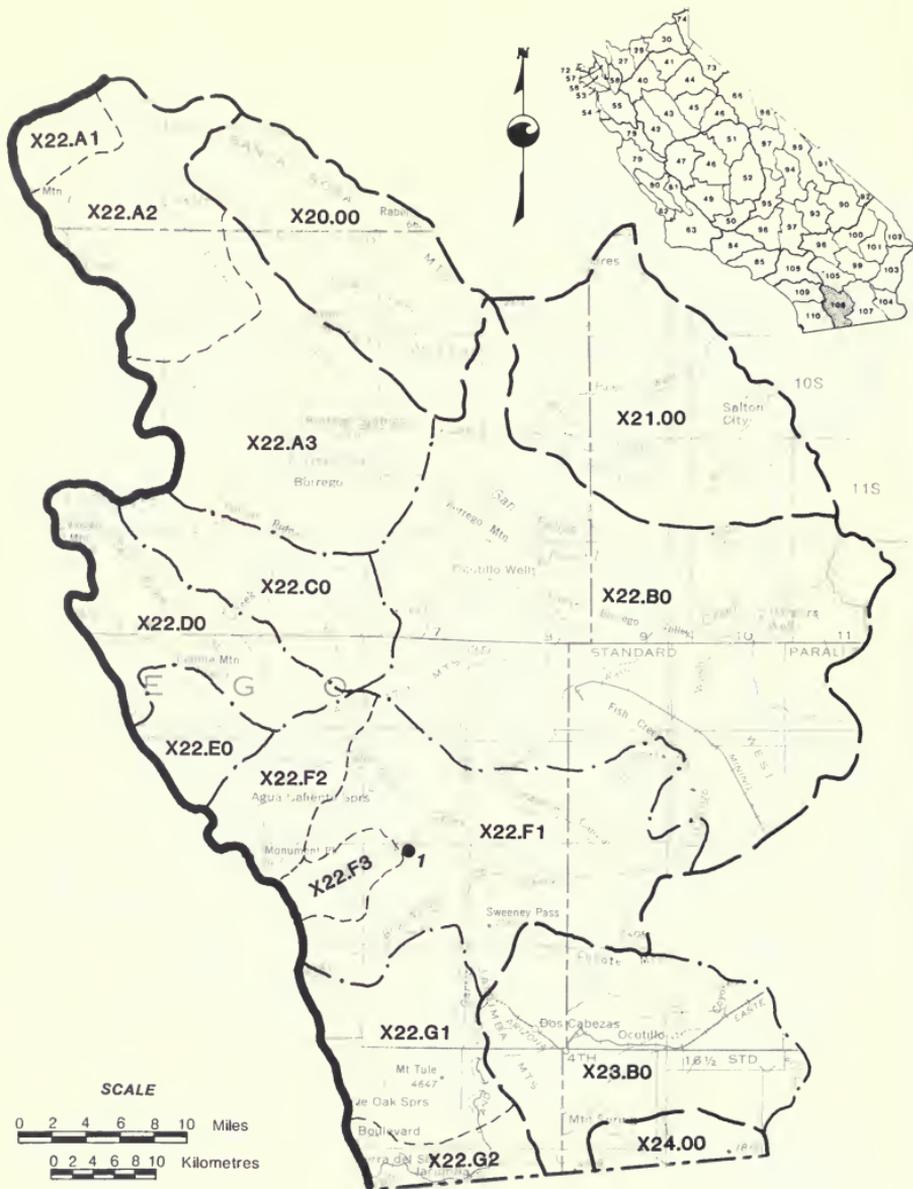


X15.A - D, X16 & X17.A



X15.E, X26 & X27





X20 - X23.B & X24



Z01, Z02 & Z03



Z04 - Z11

Table of
Instream Flow Requirements
Related to
Stream Diversions

Abbreviations and Notes

AF	Acre-Feet	NO.	Number
afs	Cubic Feet per Second	PcandE	Pacific Gas and Electric Company
Ck	Creek	R	Range
Co.	County	R.	River
Div	Division	Res.	Resources
DWR	Department of Water Resources	Rts.	Rights
E	East	S	Section
FCWCD	Flood Control and Water Conservation District	S	South
FERC	Federal Energy Regulatory Commission	SCE	Southern California Edison
Gal	Gallon	SF	South Fork
H	Humboldt Base and Meridian	SWRCB	State Water Resources Control Board
ID or	Irrigation District	TAF	Thousand Acre-Feet
I.D.	Incorporated	USBR	United States Bureau of Reclamation
Inc.	Kern River	USGS	United States Geological Survey
KR	Limited	W	West
Ltd	Maximum	WA or	Water Agency
Max	Mount Diablo Base and Meridian	W.A.	W.A.
MD	Middle Fork	WCD	Water Conservation District
MF	Minimum	WD or	Water District
Min	Municipal Utility District	W.D.	W.D.
MUD	Municipal Water District	Wtr	Water
MWD	Municipal Water District	Yr	Year
N	North	>	Greater than or equal to
NF	North Fork	>=	Less than or equal to
n.f. or	Natural Flow	<	Less than
nf		<=	Greater than

The table makes frequent reference to "compliance with Fish and Game Code Section 5937". The following full text provides a more complete meaning to the reference.

In compliance with Section 5937 of the Fish and Game Code, the permittee shall allow sufficient water at all times to pass through a fishway, or in the absence of a fishway, allow sufficient water to pass over, around, or through the dam to keep in good condition any fish that may be planted or exist below the dam; provided that during a period of low flow in the stream, upon approval of the Department of Fish and Game, this requirement will be satisfied if sufficient water is passed through a culvert, waste gate, or over and around the dam to keep in good condition any fish that may be planted or exist below the dam if it is impracticable or detrimental to pass the water through a fishway. This provision shall not require the passage or release of water at a greater rate than the flow in the stream at the diversion, less any flow attributable to use of the stream as a conduit, pursuant to Water Code Section 7075.

Stream Name

Identity Number	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
	License Number			Water Rights Applicant	
HYDROLOGIC BASIN - A0000 - SACRAMENTO					
HYDROLOGIC UNIT - A0300 - PUTAH CREEK					
A02-A0-1	Putah Creek	SW 1/4 of NE1/4 S29, T8N, R2W, MD		Montecello Dam	At all times release into the streambed of Putah Creek immediately below Monticello Dam \geq 10 cfs.
	11199	10-29-45	----	USBR	
A03-A4-1	Burton Creek	SE1/4 of SE1/4 S17, T9N, R5W, MD		----	Apr. 1 - Apr. 30 \geq 1 cfs May 1 - July 1 \geq 0.5 cfs or n.f. where flow is less than above
	24272	09-23-80	----	Bradshaw, Stanley P.	
A03-A4-2	Burton Creek	SW1/4 of NW1/4 S25, T9N, R5W, MD		----	Dec. 1 - Mar. 1 \geq 4 cfs or n.f. where flow is less than above
	26177	02-10-81	----	Wilson, William J.	
A03-A4-3	Pope Creek	SE1/4 of SW1/4 S10, T9N, R5W, MD		----	Nov. 1 - Apr. 30 \geq 10 cfs or n.f. where flow is less than above
	25432	01-18-77	----	Buttes Gas and Oil Company	
A03-A4-4	Burton Creek	SE1/4 of SW1/4 S21, T9N, R5W, MD		----	Dec. 1 - Feb. 29 \geq 4 cfs Mar. 1 - Apr. 30 \geq 1 cfs May 1 - May 15 \geq 0.5 cfs Nov. 1 - Nov. 30 \geq 0.5 cfs or n.f. where flow is less than above
	25765	07-30-80	----	Berglund, William R.	
A03-A4-5	Pope Creek	SW1/4 of SE1/4 S9, T9N, R5W, MD		----	Nov. 1 - Apr. 30 \geq 10 cfs or n.f. where flow is less than above
	25432	11-26-79	----	Buttes Gas and Oil Company	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
A03.A4-6	Pope Creek	SE1/4 of SW1/4 S10, T9N, R5W, MD		----	Year round <u>></u> 10 cfs or n.f. where flow is less than above
	24045	01-18-77	----	Buttes Gas and Oil Company	
	L11156				
A03.A4-7	Maxwell Creek	SE1/4 of SE1/4 S2, T8N, R5W, MD		----	Mar. 1 - Apr. 30 <u>></u> 0.25 cfs or n.f. where flow is less than above
	24366	01-07-81	----	Schma, Donald W.	
A03.A4-8	James Creek	SE1/4 of SE1/4 S36, T10N, R6W, MD		----	Nov. 1 - May 15 <u>></u> 10 cfs or n.f. where flow is less than above
	24673	06-04-80	----	Brown, Phillip S.	
A03.A4-9	Maxwell Creek	SE1/4 of SE1/4 S3, T8N, R5W, MD		-----	Nov. 1 - Feb. 29 <u>></u> 3.5 cfs Mar. 1 - June 15 <u>></u> 1 cfs or n.f. where flow is less than above
	24851	05-16-78	----	Balyeat, Racheal	
A03.A4-10	Pope Creek	SW1/4 of SE1/4 S9, T9N, R5W, MD		----	Nov. 1 - Apr. 30 <u>></u> 30 cfs or n.f. where flow is less than above
	22042	12-13-78	----	Buttes Gas & Oil Company	
A03.A4-11	Pope Creek	NW1/4 of SW1/4 S14, T9N, R5W		----	Nov. 1 - Feb. 29 <u>></u> 1 cfs Mar. 1 - May 30 <u>></u> .5 cfs or n.f. where flow is less than above
	24721	03-15-77	----	Wallace Hardin	

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
A03.A4-12	Hardin Creek	24664	SE1/4 of SE1/4 S25, T9N, R5W, MD 08-08-74	---	---	Mary E. Eakle	Nov. 1 - Nov. 30 > 1 cfs Dec. 1 - Feb. 29 > 10 cfs Mar. 1 - May 30 > 2 cfs or total streamflow if less than above
A03.A4-13	James Creek	26656	NW1/4 of NE1/4 S1, T9N, R6W, MD 12-09-80	---	---	El Rancho Motel Inc.	Nov. 1 - Nov. 31 > 2.5 cfs Dec. 1 - Dec. 31 > 5 cfs Jan. 1 - Mar. 1 > 7 cfs Mar. 2 - Mar. 31 > 5 cfs Apr. 1 - Apr. 30 > 2.5 cfs or n.f. whichever less
A03.A4-14	Pope Creek	26313	NW1/4 of NE1/4 S7, T9N, R5W, MD ---	---	---	Lakesprings Ranch, N.V.	At permittee's option: either bypass all surface flows or suspend diversion from reservoir for irrigation when streamflows in Pope Creek as measured at USGS gage on Pope Creek near Pope Valley are less than: Nov. 1 - Nov. 31 18 cfs Dec. 1 - Dec. 31 35 cfs Jan. 1 - Mar. 1 50 cfs Mar. 2 - Mar. 31 35 cfs Apr. 1 - Apr. 30 18 cfs
A03.A4-15	Pope Creek	26452	NE1/4 of SW1/4 S6, T9N, R5W, MD 07-11-80	---	---	Buttes Gas & Oil Co.	Bypass from Nov. 1 - Apr. 30 all surface flows entering reservoir when the discharge of Pope Creek as measured at permittee's Pope Creek pumping station (P 16855, A24045) is less than 10 cfs

Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	Agreement Date		Water Rights Applicant	
Water Rights Application Number				
License Number				
A03-A4-16	NW1/4 of NE1/4 S20, T9N, R5W, MD	---	---	Oct. 15 - Nov. 30 bypass min. 2 cfs Dec. 1 - Feb. 29 bypass min. 4 cfs Mar. 1 - Apr. 30 bypass min. 2 cfs May. 1 - Oct. 14 bypass min. 0.5 cfs or total streamflow whenever it is less than above
26994	09-10-81	---	Pope Valley School District	
A03-A4-17	NE1/4 of NW1/4 S25, T9N, R5W, MD	---	---	Dec. 1 - Feb. 28 7 cfs or n.f. Mar. 1 - Mar. 31 2.5 cfs or n.f. provided that the permittee may direct water when the n.f. is such that surface hydraulic continuity does not, or would not, exist between Pope Creek and Maxwell Canyon Diversion site.
23834	08-02-71	---	Edward H. Metcalf	
A03-A4-18	S35, T9N, R5W, MD	---	---	Apr 11 and March bypass 2 cfs or natural flow if less
22739	03-22-67	---	Usbell Coal Mines	
A03-A4-19	NW1/4, SE1/4 S36, T10N, R6W, MD	---	---	Nov. 1 - May 15 bypass min 10 cfs or total streamflow if less
25433	07-18-77	---	Andrew Cangemi, Lilla Cangemi	
A03-A4-20	NW1/4 of NE1/4 S36, T9N, R5W, MD	---	---	Nov. 1 - Nov. 30 \geq 1 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 30 \geq 2 cfs or n.f.
24664	01-03-75	---	Mary E. Eakle	
A03-A4-21	SE1/4 of SW1/4 S10, T9N, R5W MD	---	---	Nov. 1 - Apr. 30 \geq 30 cfs or n.f., whenever flow is less than above
22042	12-13-78	---	Buttes Gas & Oil Co.	

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date		Water Rights Applicant	
A03-A7-1	EFiguera Creek 25776	NE1/4 of SE1/4 S15, T10N, R4W, MD 10-02-79	----	----	Nov. 1 - Apr. 30 \geq 3 cfs May 1 - May 15 \geq 0.5 cfs or n.f. where flow is less than above
A03-B0-1	Dry Creek 26003A	N1/2 S3, T10N, R7W, MD 11-03-80	----	Plexus Corporation	Nov. 1 - Nov. 30 \geq 1.5 cfs Dec. 1 - Dec. 31 \geq 5 cfs Jan. 1 - Apr. 30 \geq 10 cfs May 1 - May 15 \geq 5 cfs or n.f. where flow is less than above
A03-B0-2	Dry Creek 26168	NE1/4 of SE1/4 S4, T10N, R7W, MD 10-02-80	----	Downing, James C.	Nov. 1 - Nov. 31 \geq 1.5 cfs Dec. 1 - Dec. 31 \geq 5 cfs Jan. 1 - Apr. 30 \geq 10 cfs May 1 - May 15 \geq 5 cfs or n.f. where flow is less than above
A03-B0-3	Mysterious Creek 23532	SW1/4 of SW1/4 S36, T11N, R5W, MD 01-21-72	----	Pease, Norman C.	Diversion only when flow is \geq 0.25 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
A03-B0-4	Bradford Creek 24538	NE1/4 of SW1/4 S23, T10N, R7W, MD 01-27-78	----	Hall, Robert L.	Apr. 1 - May 15 \geq 1 cfs May 16 - Oct. 31 \geq 0.25 cfs or n.f. where flow is less than above
A03-B0-5	Putah Creek 24296	Lot 5, S4, T10N, R5W, MD 01-21-77	----	Putah Creek Pump #1 Magoon Estate Limited	Oct. - Apr. 30 \geq 40 cfs or n.f. whichever is less

Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
A03.80-6	Tri-b. to Bucksnot Creek	24296 & 24297	NE1/4 of SE1/4 S1, T10N, R6W, MD 01-21-77	---	Lower Bohn Lake Dam Magoon Estate Limited	Oct. 1 - Apr. 30 \geq 0.5 cfs
A03.80-7	Tri-b. to Bucksnot Creek	24297	SE1/4 of NW1/4 S16, T10N, R6W, MD 02-01-75	---	Cassidy Dam Magoon Estate Limited	Oct. 1 - Apr. 30 \geq 0.25 cfs or n.f.
A03.80-8	Bucksnot Creek	24297	SE1/4 of NE1/4 S17, T10N, R6W, MD 02-01-75	---	---	Oct. 1 - Apr. 30 0.25 cfs or n.f.
A03.80-9	Bucksnot Creek	24296 & 24297	NW1/4 of SE1/4 S56, T11N, R6W, MD 01-21-77	---	Ink Diversion Magoon Estate Limited	Oct. 1 - Apr. 30 \geq 2 cfs or n.f. whichever is less
A03.80-10	Butcherknife Creek	24296, 24655 & 24297	SE1/4 of SW1/4 S29, T11N, R5W, MD 01-21-77	---	Ink Dam Magoon Estate Limited	Oct. 1 - Apr. 30 0.25 CFS or n.f.

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
HYDROLOGIC UNIT - A0400 - CACHE CREEK						
A04.A2-1	15975	Cache Creek	NW1/4 of SE1/4 S19, T13N, R9W, MD	---	Willson Valley Dam	After construction release ≥ 10 cfs at all points between Willson Valley and Capay Dam
A04.C0-1	15975, 11389	North Fork Cache Creek	S9, T14N, R6W, MD	---	Indian Valley Reservoir	10 cfs or n.f.
A04.D4-1	24336	Adobe Creek	NW1/4 of NE1/4 S32, T13N, R9W, MD	---	---	Mar. 1 - Mar. 31 ≥ 5 cfs Apr. 1 - Apr. 30 ≥ 3 cfs May 1 - May 31 ≥ 1 cfs or n.f. where flow is less than above
A04.D4-2	12389	Kelsey Creek	NE1/4 of SE1/4 S34, T13N, R9W, MD	---	Kluge, Anna	Oct. 1 - May 31 ≥ 25 cfs June 1 - Sept. 30 bypass total stream inflow to the reservoir
			04-23-81	---	Lake County FC&MCD	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
A05.A1-1	Laguna Creek 26691	SW1/4 of NW1/4 S25, T7N, R5E, MD 01-21-81	---	Water Rights Applicant James N. Bristow	Apr. 1 - Oct. 30 bypass min. 0.5 cfs or total streamflow if less
A05.B1-1	American River 13372 D1400	S16, T9N, R7E, MD 10-21-67	---	Nimbus Dam U.S.B.R.	Jan. 1 - Sept. 14 250 cfs Sept. 15 - Dec. 31 500 cfs except in "Critical Dry Yr." Oct. - Sept. Apr. 1 - Sept. 30 < 600,000 AF Into Folsom Dam Critical dry year: When the U.S.B.R. predicts the estimated natural inflow to Folsom Reservoir during the included period from April 1 - September 30th, is less than 600,000 AF. Pending Auburn Reservoir construction which is currently suspended for maintenance of fish and wildlife Oct. 15 - Jul. 14 1,250 cfs Jul. 15 - Oct. 14 800 cfs Reductions below these amounts may be made in the same proportion as deficiencies taken for irrigation purposes. For recreation purposes May 15 - Oct. 14 1,500 cfs above flows for recreation and fisheries are not cumulative. No flows for recreation are required when irrigation deficiencies are required.

HYDROLOGIC UNIT - A0500 - VALLEY-AMERICAN

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
A05.B1-2	American River	01400	S16, T9N, R7E, MD 06-00-61	---	Nimbus Hatchery Contract U.S.B.R.	Not more than 30 cfs
A05.B1-3	Secret Ravine	25866	NW1/4 of NW1/4 S15, T11N, R7E, MD 11-11-78	---	David L. VanCleve Rosanne R. VanCleve	Diversion shall occur only from 10:00 p.m. to 6:00 a.m. of following day
A05.B1-4	Antelope Creek	26063	NE1/4 of SE1/4 S5, T11N, R7E, MD 01-07-81	---	Charles M. Fletcher	For the protection of fish and game, permittee may divert 0.05 cfs or 50% of n.f., whichever is less during May 1 - June 30 and Sept. 1 - Nov. 1. In no instance shall the permittee divert more than 0.05 cfs, nor shall he divert during another part of the year.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - AMERICAN RIVER						
A06-B2-1	North Fork American	S23, T12N, R8E, MD		Auburn Dam		75 cfs - Pending construction which is currently suspended.
		07-30-62	----	Placer Co. W.A.		
A06-B2-1	South Fork American	S10, T11N, R12E, MD		Brush Creek Dam		When Storage Oct. 1 - Sept. 30: 2 cfs >1,500,000 AF Oct. 1 - Sept. 30: 1 cfs <1,500,000 AF
	13746	06-03-69	2101	Sacramento M.U.D.		
A06-B2-2	South Fork American	S25, T11N, R11E, MD		Slab Creek Dam		When Forecast for Folsom all year >2,000,000 AF >1,500,000 AF but <2,000,000 AF <1,500,000 AF but >1,000,000 AF <1,000,000 AF
	22110	02-28-62	2101	PG&E		June- Nov. 16- Nov.15 May 31 36 cfs 36 cfs
	L10513					36 cfs 36 cfs
A06-B2-3	South Fork American	S25, T11N, R10E, MD		Chill Bar Dam		Never less than 100 cfs
	22110	02-28-62	2101	Sacramento M.U.D.		
	L10513					
A06-B2-4	Granite Creek	NW1/4 of SE1/4 S30, T11N, R10E, MD		----		Apr. 1 - July 1 > 0.5 cfs or n.f. where flow is less than above
	22506	10-15-79	----	Thomas, Clifton L.		

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date	Number	Water Rights Applicant	
A06.B2-5	Granite Creek 25815	NE1/4 of SE1/4 S30, T11N, R10E, MD 10-15-79	----	----- Thomas, Clifton L.	Nov. 1 - Apr. 1 > 0.5 cfs or n.f. where flow is less than above
A06.B5-1	Pyramid Creek Riparian	NE1/4 of NE1/4 S32, T12N, R17E 1936	1936	Lake of the Woods USDA Forest Service	159 afa to be collected from about Nov. 1 of each year to about July 31 of the succeeding year. Use: In the natural channel of Pyramid Creek below Lake of the Woods.
A06.B5-2	Pyramid Creek Riparian	SW1/4 of SW1/4, S29, T12N, R17E 1940	1940	American Lake USDA Forest Service	50 afa to be collected from about Nov. 1 of each year to about July 31 of subsequent year. Use: In natural channel of Pyramid Creek below American Lake.
A06.C2-1	Duncan Canyon 18084	S24, T15N, R13E, MD 07-30-62	----	Duncan Canyon Dam Placer Co. W.A.	Normal yr. - 8 cfs or n.f. Dry yr. - 4 cfs or n.f.
A06.C2-2	Middle Fork American 18087	S36, T15N, R13E, MD 07-30-62	----	French Meadows Dam Placer Co. W.A.	Normal yr. - 8 cfs Dry yr. - 4 cfs
A06.C2-4	Grouse Creek 25063	SE1/4 of NE1/4 S35, T15N, R12E, MD 01-05-77	----	----- Mullen, Harvey E.	Diversion only when flow is > 2 cfs or n.f. where flow is less than above
A06.C2-5	Middle Fork American 18087	S26, T14N, R12E, MD 07-30-62	2079	Ralston Interbay Dam Placer Co. W.A.	Normal yr. Dry yr. 23 cfs or n.f. 12 cfs or n.f.

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
A06.C3-1	18087	Long Canyon Creek	S7, T13N, R12E, MD 07-30-62	----	South Long Canyon Placer Co. W.A.	Month: Jan.-Dec. 5 cfs or n.f. 2.5 cfs or n.f. Normal Yr.: Dry Yr.
A06.C3-2	18087	Long Canyon Creek	S24, T14N, R13E, MD 07-30-62	----	North Long Canyon Placer Co. W.A.	Month: Jan.-Dec. 2 cfs or n.f.
A06.C3-3	18087	Middle Fork American	S3, T13N, R11E, MD 07-30-62	2079	Ralston Afterbay Dam Placer Co. W.A.	75 cfs
A06.C4-1	12624 L11074	Gerlie Creek	S15, T13N, R14E, MD 02-28-62	2101	Gerlie Creek Diversion Dam SMUD	Month: May 1-Oct 31 10 cfs Nov 1-Apr 30 5 cfs Normal Yr.: Dry Yr. 7 cfs 4 cfs
A06.C5-1	18087	Rubicon River	S16, T14N, R14E, MD 07-30-62	----	Hell Hole Dam Placer Co. W.A.	When forecast for Folsom all year >1,000,000 AF then May 15 - Dec. 14 20 cfs Dec. 15 - May 14 10 cfs <1,000,000 AF then June - Oct. 14 10 cfs Oct. 15 - May 6 cfs
A06.D2-1	18291 D-1082	Brimstone Creek	S5, T14N, R11E, MD 01-31-60	----	Brimstone Reservoir Murphy, James	2 cfs or n.f.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
A06.D2-2	North Shittail Canyon 21945	S24, T15N, R10E, MD 06-05-67	---	Sugar Pine Reservoir U.S.B.R.	Feb. 1 - May 5 5 cfs or n.f. June 1 - Jan. 31 2 cfs or n.f. 0.5 cfs shall be released at all times regardless of the natural flow of North Shittail Canyon Creek.
A06.D4-1	N.F. of N.F. American 26517	S35, T17N, R12E, MD 04-11-63	---	Lake Valley Reservoir PG&E	1 cfs
A06.D4-2	N.F. of N.F. American 26517	S23, T17N, R12E, MD 04-11-63	---	Lake Valley Reservoir Diversion PG&E	1 cfs
A06.D4-3	Blue Canyon 24416	SW1/4 of SE1/4 S21, T16N, R11E, MD NE1/4 of SE1/4 S21, T16N, R11E, MD NE1/4 of SW1/4 S28, T16N, R11E, MD 07-19-73	---	Ray B. Jepperson	At all times bypass 45 gal/min at point of diversion #1 below Rocky Spring and 30 gal/min at point of diversion #2 below Forebay Spring or n.f. whichever less.

Identity Number	Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A0700 - COLUSA BASIN								
A07.00-1	Butte Creek		23201	S35, T16N, R1W, MD 01-01-63	---	---	Reclamation Dist. 1004	Spill should at no time exceed 5 cfs except for Interior drainage water
A07.00-1	Butte Creek		23201	S14, T16N, R1W, MD 01-01-63	---	White Mallard Dam Reclamation Dist. 1004		Bypass minimum 46 cfs over diversion at White Mallard Dam whenever 124 cfs or greater flows of water exist in Butte Creek when <124 cfs then bypass 1/3 of measured flows over White Mallard Diversion Dam
A07.00-2	Butte Creek		22039	NE1/4 of NW1/4 S5, T20N, R2E, MD 02-05-65	---	---	Adams Esquon Ranch, Inc.	60 cfs at all times plus the flows required in the Butte Creek Decree No. 18917
A07.00-3	Butte Creek		22321	SE1/4 of NE1/4 S7, T20N, R2E, MD 10-25-65	---	---	Gorrill Land Company	At all times \geq 60 cfs
A07.00-4	Butte Creek		15710, 14546	NW1/4 of NW1/4 S4, T18N, R1E, MD 02-02-54	---	---	McPerrin Land Co.	Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion
			L11046					
			L11044					
			L11044					
			L08676, L05394					

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
A07-D0-5	Butte Creek 15017, 15406 L09727, L09728	SE1/4 of NE1/4 S21, T19N, R1E, MD 09-15-52	---	--- Bayles, Worth	Nov. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above, at the point of diversion
A07-D0-6	Butte Creek 14316 L07053	SW1/4 of NW1/4 S14, T16N, R1W, MD 05-21-51	---	--- Roger C. Willbur and Jeanne M. Willbur	May 1 - May 31 $>$ 10 cfs or the n.f. whenever flow is less than above, past the point of diversion

Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A0800 - WARYSVILLE						
A08-CO-1	Yuba River	15574	S29, T16N, R5E, MD 09-02-65	2246	Dequerre Point Dam Yuba Co. W.A.	Jan. 1 - June 30 245 cfs Jul. 1 - Sept. 30 70 cfs Oct. 1 - Dec. 31 400 cfs Reduced during critical year according to terms of agreement
A08-DO-1	Festher River	14444	S5, T19N, R4E, MD 07-19-67	2100	Thermalito Diversion Dam Calif. Dept. of Water Resources	400 cfs until new powerplant is completed, then 600 cfs

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement												
Identify Number	License Number	Agreement Date		Water Rights Applicant													
A08.00-2	Feather River 14444	S18, T19N, R3E, MD 07-19-67	2100	Thermalito Afterbay Calif. Dept. of Water Resources	<p>Preceding Apr.-July Unimpaired Runoff Feather R. near Oroville, Percent of Normal</p> <table border="1"> <tr> <td>> 76%</td> <td>1700</td> <td>1700</td> <td>1700</td> </tr> <tr> <td>55-76%</td> <td>1700</td> <td>1700</td> <td>1700</td> </tr> <tr> <td>> 55%</td> <td>1200</td> <td>1000</td> <td>1000</td> </tr> </table> <p>Minimum Flow Feather River Below Thermalito Afterbay (In cfs) Oct.-Feb. Mar. Apr.-Sept</p>	> 76%	1700	1700	1700	55-76%	1700	1700	1700	> 55%	1200	1000	1000
> 76%	1700	1700	1700														
55-76%	1700	1700	1700														
> 55%	1200	1000	1000														
A08.00-3	South Honcut Creek 23343	NW1/4 of NE1/4 S29, T17N, R4E, MD 09-11-69		Honcut Creek Ranch	<p>If for two or more consecutive water years the Apr.-July unimpaired runoff average less than 60% of normal, minimum flow shall be for the less than 55% flow schedule.</p> <p>In the event during the period of Oct. 15 - Nov. 30 average flow within a 1 hour period of the combined project releases (Thermalito Div. Dam and Thermalito Afterbay) exceed 2,500 cfs except for flood flows and operating releases the minimum flow in the Feather River below Thermalito Afterbay for the period Oct.-Mar. shall not be reduced more than 500 cfs below the maximum 1 hour flow.</p> <p>Comply with Fish and Game Code Section 5937</p>												

Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
A08.00-4	South Honcut Creek	23344	NW1/4 of NE1/4 S29, T17N, R4E, MD 09-11-69	---	---	Comply with Fish and Game Code Section 5937
A08.00-5	South Honcut Creek	23345	NW1/4 of NE1/4 S29, T17N, R4E, MD 09-11-69	---	Yosuba Farms ---	Comply with Fish and Game Code Section 5937

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A0900 - BEAR RIVER					
A09-A1-1	Bear River	NE 1/4 of NW 1/4 S29, T14N, R6E, MD		Camp Far West Reservoir	Apr. 1 - June 30 > 25 cfs July 1 - Mar. 31 > 10 cfs or the n.f. whenever flow is less than above at the point of diversion
	14804	05-12-52	---	South Sutter Water District	
	L11118				
A09-A2-1	Wolf Creek	SE 1/4 of SE 1/4 S21, T15N, R8E, MD		---	Dec. 1 - Apr. 1 > 5 cfs or n.f. whenever flow is less than above
	25897	10-16-80	---	W. W. Matthews, Gretta E. Matthews	
A09-A4-1	Bear River	S34, T16N, R10E, MD		Dutch Flat Afterbay	May - Oct. 10 cfs Nov. - Apr. 5 cfs
	21151	05-10-63	2266	Nevada I.D.	
	L09903				
A09-A4-2	Bear River	S22, T15N, R9E, MD		Rollins Reservoir	Normal Yr. Dry Yr. May - Oct. 75 cfs 40 cfs Nov. - Apr. 20 cfs 15 cfs
	24983	05-10-63	2266	Nevada I.D.	
A09-A4-3	Bear River	S17, T16N, R11E, MD		Drum Afterbay Dam	Month Normal Yr. Dry Yr. Mar. - Sept. 10 cfs 5 cfs Oct. - Feb. 5 cfs 5 cfs
	21151	05-10-63	2266	Nevada I.D.	
	L09903				

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
A09-A4-4	Bear River		S36, T17N, R11E, MD		Upper Boardman Canal	1 cfs year round
	27168		04-11-63	2310	PGandE	
A09-A4-5	Unnamed Tr. lb. to Bear River		SW1/4 of SW1/4 S13, T16N, R10E, MD		---	Bypass from Jan. 1 - Dec. 31 > .0134 cfs or 50% spring flow whichever less
	26160		12-31-79	---	Leroy A. Waddle	
A09-A4-6	Bear River		NE1/4 of SE1/4 S22, T15N, R9E, MD		---	At all times allow 5 cfs of the n.f. to pass down the stream bed of Bear River below permittee's diversion
	02652		12-04-58	---	Nevada Irrigation District	
	L010350					

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identify Number	License Number			Water Rights Applicant	
HYDROLOGIC UNIT - A1000 - YUBA RIVER					
A10-A2-1	Dry Creek 23757	S21, T17N, R6E, MD 08-10-72	---	Merle Collins Reservoir Browns Valley I.D.	Sept. 1 - Jun. 30 3.3 cfs or amt. = reservoir inflow whichever is less Dry year 1.0 or amt. = reservoir inflow whichever is less
A10-A2-2	Dry Creek 11596 L04699	SE1/4 of NE1/4 S4, T17N, R6E, MD 10-28-46	----	---	At all times bypass \geq 2 cfs of the n.f., whenever flow is less than above, at the point of diversion
A10-A3-1	Yuba 15563	S14, T16N, R6E, MD 09-02-65	2246	Englebright Reservoir Yuba Co. W.A.	Jan. 16 - Oct. 15 releases from Englebright for New Narrows power house use shall not fluctuate more than 500 cfs per hour Oct. 16 - Oct. 31 600 - 1,050 cfs November 600 - 700 cfs December 600 - 1,400 cfs Jan. 1 - Jan. 15 1,000 - 1,850 cfs Release shall not vary $>$ 15% from scheduled uniform release Jan. 16 - Mar. 31 $>$ 600 cfs, subject to the above 15% variance.
A10-A8-1	Deer Creek 1614	S2, T16N, R9E, MD 09-10-63	2266	Scotts Flat Reservoir Nevada I.D.	July - Sept. 3 cfs Oct. - June 10 cfs

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
A10-B0-2	Dear Creek	S20, T16N, R7E, MD		Dear Creek Diversions	5 cfs or n.f.
	23047	07-11-77	----	Western Lake Properties	
	L10779				
A10-C2-1	South Yuba	S11, T17N, R10E, MD		Pooman Creek Dam	2 cfs
	19841	06-22-64	----	San Juan Ridge County W.D.	
A10-C3-1	Canyon Creek	S13, T18N, R12E, MD		Faucherie Lake	2.5 cfs
	2372	05-10-63	2266	Nevada I.D.	
A10-C3-2	South Yuba	S9, T18N, R12E, MD		Bowman Lake	Apr. - Oct. 3 cfs Nov. - Mar. 2 cfs
	2372	05-10-63	2266	Nevada I.D.	
A10-C3-3	Jackson Creek	S31, T19N, R13E, MD		Jackson Lake	At least 2.5 cfs or n.f.
	2372	05-10-63	2266	Nevada I.D.	
A10-C4-1	North Creek	SE1/4 of NW1/4 S29, T18N, R14E, MD		----	Dec. 15 - June 30 \geq 3 cfs or n.f. whenever flow is less than above, at the point of diversion
	21079	12-11-62	----	Farmer, Roy & Roy A. II	
	L09865				

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
A10-D1-1	Middle Yuba		S27, T18N, R8E, MD		G-Izzly Creek Diversion	1.5 cfs or n.f.
	19841		06-22-64	---	San Juan Ridge County W.D.	
A10-D1-2	Middle Yuba		S20, T18N, R9E, MD		Hour House Diversion Dam	Apr. 15 - June 15 50 cfs or n.f. June 16 - Apr. 14 30 cfs or n.f.
	15574		09-02-65	2246	Yuba Co. W.A.	
A10-D1-3	Oregon Creek		S11, T18N, R8E, MD		Log Cabin Diversion Dam	Apr. 15 - June 15 12 cfs or n.f. June 16 - Apr. 14 8 cfs or n.f.
	15574		09-02-65	2246	Yuba Co. W.A.	
A10-D1-4	Marion Creek		SW1/4 of NE1/4 S32, T19N, R9E, MD		---	At all times bypass > 1 cfs or the n.f. whenever flow is less than above at the point of diversion
	18011		02-21-58	---	Loma Linda University	
A10-D1-5	Marion Creek		NE1/4 of NE1/4, S32, T19N, R9E, MD		---	At all times > 1 cfs or n.f. whenever flow is less than above at point of diversion
	14274		11-09-54	---	Edward Kohler, Alice Hill	
	L06643					
A10-D2-1	Middle Yuba		S12, T19N, R12E, MD		Milton Diversion	3 cfs or n.f. whichever is less
	20072		05-10-63	2266	Nevada I.D.	

Stream Name	Identity Number	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
Middle Yuba	A10.02-2	19841	S19, T18N, R10E, M0	06-22-64	---	Bloody Run Creek	San Juan Ridge County W.D.	5 cfs or n.f. 2.5 cfs or n.f. if flows for the preceding month are less than the long-term average precipitation at Nevada City for the same period.
Middle Yuba	A10.02-3	19841	S26, T19N, R12E, M0	06-22-64	---	East Fork Creek	San Juan Ridge County W.D.	Apr. 15 - May 31 5 cfs or n.f. June 1 - Apr. 14 2 cfs or n.f.
Middle Yuba	A10.03-2	20072	S18, T19N, R13E, M0	05-10-63	2266	Jackson Meadows Reservoir	Nevada I.D.	5 cfs or n.f. whichever is less
N.F. Yuba River	A10.E1-1	15574	S25, T18N, R7E, M0	09-02-65	2246	Colgate Dam (New Bullards Bar Reservoir)	Yuba Co. W.A.	5 cfs year round Flow shall be measured at a stream gaging station 500 feet downstream of the dam (A minimum pool shall be maintained in the reservoir at elevation 1730 feet).
Slate Creek	A10.E2-1	13956	S11, T20N, R8E, M0	05-27-52	---	Slate Creek Reservoir	Yuba Co. W.A. Oroville-Wyandotte Irrigation District	10 cfs or n.f.

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date		Water Rights Applicant	
A10-E3-1	Grants Ravine 18470 L09754	SE1/4 of SE1/4 S20, T19N, R9E, MD 01-12-59	-----	----- Diablo Gold, a Partnership	At all times bypass <u>2</u> cfs or n.f. whenever flow is less than above
A10-E3-2	South Fork Indian Creek 18470 L09754	S20, T19N, R9E, MD 01-12-59	-----	----- Diablo Gold	At all times bypass <u>3</u> cfs or n.f. whenever flow is less than above
A10-E4-1	North Yuba River 26408	SW1/4 of NE1/4 S11, T20N, R12E, MD 06-06-80	-----	----- John L. and Patricia B. Winther	Comply with Fish and Game Code Section 5937

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
Identity Number	License Number				
HYDROLOGIC UNIT - A1100 - FEATHER RIVER					
A11-B3-1	South Fork Feather	S31, T22N, R9E, MD		Little Grass Valley Reservoir	Month May - Oct. 10 cfs Nov. - Apr. 5 cfs Dry Yr. 5 cfs
	14112	03-27-52	-----	Groville Wyandotte I-D. Yuba Co. Water District	
	L10941				
A11-C2-1	Gray Eagle Creek	SW1/4 of SW1/4 S6, T21N, R12E, MD		Long Lake	5 cfs all year
	8495	12-1941	-----	Græagle Land & Water Co.	
	L2340				
A11-C3-1	Big Grizzly Creek	S1, T23N, R13E, MD		Lake Davis	Lake Storage on May 1 5/1 3/15 4/30 6/16- 3/16- 83,000 AF 18 8 18 cfs 275,500 <85,000 16 6 16 cfs >65,500 <75,500 15 5 15 cfs ----- <65,500 14 4 14 cfs
	21443	12-07-65	-----	Calif. Dept. of Water Resources	
A11-C4-1	Bear Valley Creek	SW1/4 of SW1/4 S29, T21N, R16E, MD		-----	At all times bypass \geq 2 cfs or the n.f., whenever flow is less than above, at the points of diversion
	23444	04-03-72	-----	Occidental Land Co.	
A11-C4-2	Bonta Creek	NW1/4 of SE1/4 S24, T20N, R14E, MD		-----	At all times bypass \geq 1 cfs or the n.f., whenever flow is less than above
	23924	11-18-71	-----	San Francisco Bay Council, G.S.A.	
	L10760				

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
A11-C4-3	Smithneck Creek	SM1/4 of NM1/4 S29, T21N, R16E, MD		---	At all times bypass > 8 cfs into Smithneck Creek, or the n.f., whenever flow is less than above, at the point of diversion
	23443	04-03-72	----	Occidental Land Inc.	
A11-C9-1	Little Last Chance Creek	S33, T24N, R16E, MD		Frenchman Lake	Oct. 1 - Mar. 31 > 2 cfs If Frenchmen storage < 16,000 AF on Oct. 1, flows between Oct. 1 - Mar. 31 shall be 2 cfs or n.f.
	18844	07-06-59	2100	Dept. of Water Resources	
A11-D1-1	Bucks Creek	S33, T24N, R7E, MD		Bucks Lake	Normal May 1 - Oct. 31 3 cfs Nov. 1 - Apr. 30 1 cfs Dry Year: 1 cfs year round
	11192	12-01-68	619	PG&E	
	L03105				
A11-D1-2	Grizzily Creek	S34, T24N, R6E, MD		Grizzily Forebay	May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 2 cfs
	11193	12-01-68	619	PG&E	
	L03106				
A11-D4-1	Hamilton Branch	S15, T28N, R8E, MD		Hamilton Branch	4 cfs 6 cfs (Sept. - Nov.)
	----	09-18-68	2627	PG&E	
A11-D4-2	Hamilton Branch	S15, T28N, R8E, MD		Red Bridge Diversions	4 cfs or n.f. through fish ladder, such that 10 cfs or n.f. occurs 100 feet downstream from dam
	----	09-18-68	----	PG&E	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
A11-D5-2	Clear Creek	S11, T28N, R9E, MD 09-18-68	2627	Clear Creek Diversion PGandE	3 cfs or n.f. through fish ladder, such that 5 cfs or n.f. occurs 150 feet downstream from dam
A11-D5-3	Spring Creek	S11, T28N, R9E, MD 09-18-68	-----	Spring Creek Diversion PGandE	1 cfs or n.f.
A11-D5-5	Robbers Creek 24098	SW1/4 of SE1/4 S16, T30N, R8E, MD 10-01-80	-----	----- Sierra Pacific Industries	Nov. 1 - May 1 > 2 cfs or n.f. where flow is less than above
A11-D5-6	Robbers Creek 24099	NE1/4 of NE1/4 S34, T30N, R8E, MD 06-23-72	-----	----- Sierra Pacific Industries	Comply with Fish and Game Code Section 5937
A11-E3-1	Haus Creek 19653 L09223	SE1/4 of SW1/4 S20, T27N, R9E, MD 09-17-69	-----	----- Huston A. Marrs	At all times bypass > 0.25 cfs at the point of diversion

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
A11.E4-1	Indian Creek	S14, 15, 22-26, T27N, R12E, MD		Antelope Lake	(a) When the water surface elevation in the reservoir on May 1 is at the crest of the spillway or elevation 5,002 feet, the May-June releases will be 20 cubic feet per second, and the July-March releases will be 10 cubic feet per second.
	20117	05-09-60	---	Dept. of Water Resources	(b) When the water surface elevation in the reservoir on May 1 is 4 feet or less below the spillway crest, the May-June releases will be 15 cubic feet per second, the July-November releases will be 5 cubic feet per second, and the December-April releases will be 10 cubic feet per second.
	L10975				(c) When the water surface elevation in the reservoir on May 1 is more than 4 feet below the spillway crest, the May-June releases will be 10 cubic feet per second and the July-April releases will be 5 cubic feet per second.
HYDROLOGIC UNIT - A1200 - BUTTE CREEK					
A12.80-1	Little Butte Creek	SW1/4 of NW1/4 S36, T24N, T3E, MD		---	Dec. 1 - June 1 > 3 cfs or n.f. whenever flows less than above
	25967	09-08-80	---	P.GandE	
A12.80-2	Little Butte Creek	S18, T23N, R4E, MD		---	Bypass a minimum of 0.5 cfs while diverting to storage
	22061	06-17-70	---	Paradise Irrigation District	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
A13.80-1	16188	SW1/4 of SW1/4 S33, T25N, R3W, MD	---	---	Jan. 1 - June 1 <u>5</u> cfs
	L08156	12-27-54	---	Bernard Fishman Corning	or h.f., whenever flow is less than above, at the point of diversion
	16189			Samuel and Charlotte Wolf	
	L08157				

HYDROLOGIC UNIT - A1300 - TEHAMA

Identity Number	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	License Number			Water Rights Applicant	

HYDROLOGIC UNIT - A1900 - SHASTA BALLY

A19-B1-1	Clear Creek	S27, T32N, R6W, MD	---	Whiskeytown Reservoir	Oct. 1 - Oct. 15 \geq 10 cfs Oct. 16 - Oct. 31 \geq 30 cfs Nov. 1 - Dec. 31 \geq 100 cfs Jan. 1 - Feb. 28 or 29 \geq 50 cfs Mar. 1 - May 31 \geq 30 cfs June 1 - Sept. 30 \geq 0 cfs below Whiskeytown Dam Into streambed of Clear Creek.
A19-B2-1	Boulder Creek	SE1/4 of SE1/4 S12, T32N, R7W, MD	---	---	Sept. 1 - Oct. 31 \geq 0.75 cfs June 1 - June 15 \geq 0.75 cfs Nov. 1 - May 31 \geq 2 cfs or the n.f. whenever flow is less than above, past the point of diversion
	21676	03-06-64	---	Whiskeytown National Recreation Area	

Identity Number	Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
A19.00-1	Sacramento River	10588	S21, T32N, R5W, MD	04-05-60	---	Koswick Dam	U.S.B.-R.	<p>Jan. 1 - Feb. 28 2600 cfs</p> <p>Mar. 1 - Aug. 31 2300 cfs</p> <p>Sept. 1 - Nov. 30 3900 cfs</p> <p>Dec. 1 - Dec. 31 2600 cfs</p> <p>Critical dry year, the minimum flows to be bypassed or released shall not be less than the following:</p> <p>Jan. 1 - Feb. 28 2000 cfs</p> <p>Mar. 1 - Aug. 31 2300 cfs</p> <p>Sept. 1 - Nov. 30 2800 cfs</p> <p>Dec. 1 - Dec. 31 2000 cfs</p> <p>with peaking at least once a day to at least the flows specified for normal years beginning about December 1 and extending to about May 1. In the event of extremely critical conditions during the period December 1 through February 28 the flow may be reduced below 2000 cfs by agreement between the parties.</p> <p>Critical calendar year: Forecasted full natural inflow to Shasta Lake for current water year (Oct. 1 of the preceding calendar year through Sept. 30 of the current calendar year) is equal to or less than 3,200,000 AF or if the total accumulated actual deficiencies below 4,000,000 acre-feet in the immediately prior water year or series of successive prior water years, each of which had inflows of less than 4,000,000 acre-feet, together with the forecasted deficiency for the current water year exceeds 800,000 acre-feet.</p>
		L09956						

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
HYDROLOGIC UNIT - AZ000 - SHASTA DAM					
A20-B0-1	Dekkas Creek 19361 L09270	NE1/4 of NE1/4 S28, T35N, R3W, MD 04-18-60	-----	----	At all times bypass \geq 250 gallons per minute or the n.f. whenever flow is less than above at the point of diversion
A20-B0-2	Dekkas Creek 23334 L10652	NE1/4 of NE1/4 S28, T35N, R3W, MD 08-20-69	-----	----	At all times bypass \geq 250 gallons per minute or the n.f. of the stream, whenever flow is less than above
A20-B0-3	Pit River 15407 L09190	SE1/4 of NE1/4 S32, T35N, R1W, MD 07-09-53	-----	PGandE	Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion

Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A2100 - UPPER SACRAMENTO						
A21-B1-1	McGinnis Spring	25064	SE1/4 of NE1/4 S8, T40N, R3W, MD 03-12-76	----	---- Mark Ritener, Caren Ritener	No more than 50% of the available flow or 7 cfs, whichever is less shall be diverted
A21-B2-1	Sacramento River	22503 L09726	S29, T40N, R4W, MD 08-16-66	----	Box Canyon Dam Siskiyou Co. FC&MD	Jan. - Feb. 150 cfs Mar. - May 100 cfs June - July 75 cfs Aug. - Sept. 50 cfs Oct. 75 cfs Nov. - Dec. 100 cfs or natural flow Flow release shall never be less than 40 cfs irrespective of inflow.
A21-B2-2	N. F. Sacramento River	16219 L06531	NE1/4 of NW1/4 S21, T40N, R5W, MD 01-26-55	----	---- Dorrington Enterprises, Inc.	At all times bypass \geq 1 cfs or the n.f. whenever flow is less than above at the point of diversion
A21-B2-3	N. F. Sacramento River	11281 L05261	SE1/4 of SW1/4 S16, T40N, R5W, MD 01-09-75	----	---- Dorrington Enterprises, Inc.	Bypass \geq 1 cfs at all times or n.f. whenever flow is less than above, at the point of diversion

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement																																													
HYDROLOGIC UNIT - A2200 - MCCLLOUD RIVER																																																			
A22-A2-1	Panther Creek 25112	NE 1/4 of NW 1/4 S22, T40N, R3W, MD 07-26-76	----	----	Mark Rlener, Carmen Rlener	Diversion permitted only when bypassed flows will maintain a visible surface flow downstream from point of diversion																																													
A22-A3-1	McCloud River 15717 L10216	S27, T38N, R2W, MD 12-01-60	2106	McCloud Diversion Dam PGandE		To maintain minimum flows, in cfs at Ah-D1-Na as follows: <table border="1"> <thead> <tr> <th>Month</th> <th>Normal Yr.</th> <th>Dry Yr.</th> </tr> </thead> <tbody> <tr><td>Jan.</td><td>160</td><td>160</td></tr> <tr><td>Feb.</td><td>160</td><td>160</td></tr> <tr><td>Mar.</td><td>170</td><td>170</td></tr> <tr><td>Apr.</td><td>170</td><td>170</td></tr> <tr><td>May 1-15</td><td>170</td><td>160</td></tr> <tr><td>May 16-31</td><td>200</td><td>160</td></tr> <tr><td>June</td><td>200</td><td>160</td></tr> <tr><td>July</td><td>200</td><td>160</td></tr> <tr><td>Aug.</td><td>200</td><td>160</td></tr> <tr><td>Sept.</td><td>210</td><td>180</td></tr> <tr><td>Oct.</td><td>210</td><td>180</td></tr> <tr><td>Nov.</td><td>210</td><td>180</td></tr> <tr><td>Dec. 1-15</td><td>210</td><td>180</td></tr> <tr><td>Dec. 16-31</td><td>170</td><td>170</td></tr> </tbody> </table> <p>Dry Yr. <300,000 AF or less in McCloud Runoff to Shasta Lake</p>	Month	Normal Yr.	Dry Yr.	Jan.	160	160	Feb.	160	160	Mar.	170	170	Apr.	170	170	May 1-15	170	160	May 16-31	200	160	June	200	160	July	200	160	Aug.	200	160	Sept.	210	180	Oct.	210	180	Nov.	210	180	Dec. 1-15	210	180	Dec. 16-31	170	170
Month	Normal Yr.	Dry Yr.																																																	
Jan.	160	160																																																	
Feb.	160	160																																																	
Mar.	170	170																																																	
Apr.	170	170																																																	
May 1-15	170	160																																																	
May 16-31	200	160																																																	
June	200	160																																																	
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Nov.	210	180																																																	
Dec. 1-15	210	180																																																	
Dec. 16-31	170	170																																																	
A22-A3-2	McCloud River 14785 L10215	NW 1/4 of NE 1/4 S27, T38N, R2W, MD 04-29-52	2106	PGandE		May 1 - Nov. 30 > 50 cfs Dec. 1 - Apr. 1 30 > 40 cfs past point of diversion																																													

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date		Water Rights Applicant	
A22-A4-1	McCloud River	NW1/4 of NE1/4 S18, T39N, R1W, MD			At all times bypass > 4 cfs or the n.f. whenever flow is less than above at the point of diversion
	16161	11-30-54		Champion Building Prod.	
	L05051				

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
HYDROLOGIC UNIT - A2300 - PITT RIVER					
A23-A2-1	PIT RIVER	S5, T35N, R1W, MD		Pit No. 6	Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion
	14743	04-07-52	2106	PGandE	
	L09189				
A23-A3-1	Iron Canyon Creek	S21, T37N, R1W, MD		Iron Canyon Dam	3 cfs
	15719	120-1-60	2106	PGandE	
	L10161				
A23-B1-1	Hat Creek	S12, T36N, R3E, MD		Dam No. 1	2 cfs
	----	03-01-68	2261	PGandE	Combined total of Dam #1 and Dam #2 not to exceed 10 cfs
A23-B1-2	Hat Creek	S29, T36N, R4E, MD		Dam No. 2	8 cfs
	----	03-01-68	2661	PGandE	50 cfs - 1 hour prior to operation of spill siphons
A23-B2-1	Goose Creek	SW1/4 of NW1/4 S9, T35N, R2E, MD		-----	During collection period, bypass \geq 2 cfs or the n.f. whenever the flow is less than above at the point of diversion
	19145	12-23-59	----	Simpro Lands	
	L08943				

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
A23-C1-1	Beaver Creek 25000	NE1/4 of SE1/4 S6, T36N, R6E, MD 02-23-76	----	----- John S. Mead, Agnes B. Mead	Nov. 1 - Mar. 1 - No diversion if in so doing the flow in Beaver Creek at Pittville Road Bridge is less than 5 cfs Mar. 1 - Apr. 1 - Divert only as needed but not in excess of the amount required to maintain flow of 2 cfs in Beaver Creek at Pittville Road Bridge.
A23-D1-1	Pitt River 14602	S2, T40N, R7E, MD 12-00-66	----	Allen Camp Reservoir U.S.B.R.	15 cfs if constructed
A23-D4-1	Pitt River 13095 L04236	NE1/4 of NW1/4 S16, T41N, R9E, MD 05-16-49	----	----- Walter Mohr	At all times bypass \geq 25 cfs or the n.f., whenever flow is less than above, at the point of diversion
A23-E3-1	South Fork Pitt River 19309 L10603	SE1/4 of NE1/4 S9, T39N, R14E, MD 03-14-60	----	----- South Fork Irrigation Dist.	Nov. 1 - Apr. 15 $>$ 5 cfs or the n.f. whenever flow is less than above at the point of diversion
A23-E3-2	South Fork Pitt River 26714	SE1/4 of NE1/4 S9, T39N, R14E, MD ----	----	----- South Fork Irrigation Dist.	Nov. 1 - Apr. 15 \geq 5 cfs

Stream Name

Water Rights
Application Number
License Number

Location
Agreement
Date

FERC Project
Number

Diversion Name
Water Rights Applicant

Minimum Instream Flows
Under Agreement

HYDROLOGIC BASIN - B0000 - SAN JOAQUIN

HYDROLOGIC UNIT - B0300 - NORTH VALLEY FLOOR

B03.50-1	Mokelumne River	S6, T4N, R9E, MD	2916	Comanche Reservoir	Commencing July 1 of each year, a total quantity of 13,000 AF in each fiscal year, except for critically dry years. Critically dry year = 5,400 AF
	13156, 15201	01-25-63		East Bay M.U.D.	Rates are to be specified by the state and may not exceed 150 cfs

Total quantity of water to be released subsequent to the dates specified below and prior to the next July 1 shall not exceed:

Date	In a critically dry year	
	In each	other year
Dec. 31	5,000 AF	10,000 AF
Jan. 29	4,000 AF	8,000 AF
Feb. 28 or 29	3,000 AF	6,000 AF
March 31	2,000 AF	4,000 AF
April 30	1,000 AF	2,000 AF

Never > 150 cfs

Diversion of water for municipal use
504 cfs

That the water will be released by District from its Mokelumne River reservoir system into the Mokelumne River for downstream irrigation use and channel losses as follows:

Stream Name	Location	Diversions Name	Minimum Instream Flows Under Agreement
Water Rights Application Number	Agreement Date	Water Rights Applicant	
License Number	FERC Project Number		
Identity Number			

B03, B0-1 (Continued)

Riparian and appropriative users:

January	-	0 cfs
February	-	3 cfs
March	-	7 cfs
April	-	25 cfs
May	-	39 cfs
June	-	46 cfs
July	-	43 cfs
August	-	38 cfs
September	-	29 cfs
October	-	15 cfs
November	-	2 cfs
December	-	0 cfs

Downstream channel losses:

January	-	26 cfs
February	-	28 cfs
March	-	31 cfs
April	-	35 cfs
May	-	43 cfs
June	-	44 cfs
July	-	40 cfs
August	-	38 cfs
September	-	34 cfs

If District does not receive a request from State on or before the 24th day of any calendar month, District shall release water from the proposed Camanche Dam during the ensuing calendar month for downstream fisheries utilization at a uniform rate in accordance with the following schedule:

B03-B0-1 (Continued)

Month	In a critically dry year		In each other year
	dry	year	
Jan.	0 cfs	40 cfs	
Feb.	20 cfs	30 cfs	
March	20 cfs	30 cfs	
April	0 cfs	0 cfs	
May	0 cfs	0 cfs	
June	0 cfs	0 cfs	
July	0 cfs	0 cfs	
Aug.	0 cfs	0 cfs	
Sept.	0 cfs	0 cfs	
Oct.	0 cfs	0 cfs	
Nov.	25 cfs	50 cfs	
Dec.	25 cfs	66 cfs	
Not to exceed 5,400 AF			Not to exceed 13,000 AF

Critically dry year = When natural runoff for the nine month period preceding July 1 of the Mokelumne River and its tributaries above Camanche Dam is less than 370,000 acre-feet.

Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement												
Identity Number	Water Rights Application Number License Number	Agreement Date	Water Rights Applicant													
HYDROLOGIC UNIT - B0400 - MIDDLE SIERRA																
B04.A1-1	Consummes River 23416	S35, T8N, R8E, M0 10-02-70	Rancho Murietta Bank of America	Natural flow when flow < 70 cfs 6 cfs when flow is between 70 and 175 cfs (but diversion shall not reduce flow below 70 cfs) Only those flows >175 cfs will be diverted at all other times, except in dry years; as follows:												
				<table border="1"> <thead> <tr> <th>Schedule</th> <th>Month</th> <th>Max. cfs</th> </tr> </thead> <tbody> <tr> <td>Flows < 400 AF</td> <td>Feb. 1</td> <td>46 cfs</td> </tr> <tr> <td>Flows < 2,000 AF</td> <td>Mar. 1</td> <td>46 cfs</td> </tr> <tr> <td>Flows < 4,400 AF</td> <td>Apr. 1 - May 31</td> <td>46 cfs</td> </tr> </tbody> </table>	Schedule	Month	Max. cfs	Flows < 400 AF	Feb. 1	46 cfs	Flows < 2,000 AF	Mar. 1	46 cfs	Flows < 4,400 AF	Apr. 1 - May 31	46 cfs
Schedule	Month	Max. cfs														
Flows < 400 AF	Feb. 1	46 cfs														
Flows < 2,000 AF	Mar. 1	46 cfs														
Flows < 4,400 AF	Apr. 1 - May 31	46 cfs														
B04.A1-2	Cosummes River 24085 L11117	S35, T8N, R8E, M0 03-28-73	----- Harry & Marjorie Carlson Phillip & Ruth Naught	At all times > 70 cfs or n.f. whenever flow is less than above												
B04.A2-1	Dear Creek 20350	S11, T8N, R8E, M0 01-01-69	County Line Dam El Dorado I. D.	8 cfs or n.f.												
B04.A3-1	Camp Creek 13708	S17, T10N, R13E, M0 08-03-76	Sly Park Dam U.S.B.R.	1 cfs or n.f. all year or/and 5 cfs May - Oct. If Sept. 30 storage exceeds 23,800 AF												

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
B04.A3-2	N. F. Cosumnes River 18028 L10219	NE1/4 of NW1/4 S11, T9N, R12E, MD	03-06-58	----	----	At all times bypass ≥ 5 cfs or the n.f. whenever flow is less than above
B04.A3-3	Clear Creek 24729	SE1/4 of NW1/4 S26, T9N, R13E, MD	12-20-74	----	Leon Meadow Dam Northern Calif. Conference Assoc. of the Seventh Day Adventists	Jan. 1 - May 31: Bypass min 1.5 cfs or n.f. June - Dec: If precipitation for 12 month period before June 1 is \geq average, then release n.f. If precipitation for 12 month period before June 1 < average, then release 0.4 cfs until reservoir is lowered 3 ft. below spillway elev.; thereafter release n.f. if ≥ 0.4 cfs.
B04.A3-4	Camp Creek 13707	NE1/4 of NW1/4 S15, T10N, R13E, MD	04-27-50	----	USBR	2 cfs or n.f. at all times at Camp Creek diversion
B04.A4-1	Perry Creek 26012	SE1/4 of SW1/4 S35, T9N, R12E, MD	06-04-79	----	Steve Ginsburg & Laurie Brown	Comply with Fish and Game Code Section 5937
B04.B0-1	Pioneer Creek 25530	NW1/4 of SW1/4 S24, T7N, R12E, MD	01-30-79	----	Kulken, Daniel Allen	Nov. 1 - Apr. 1 ≥ 5 cfs or n.f. where flow is less than above

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
B04-C0-1	North Fork Mokolunge		S32, T6N, R12E, MD		Electra Diversion Dam		After License Renewal Years of Normal Runoff May 1 - Oct. 31 15 cfs Nov. 1 - Apr. 30 10 cfs Years of Subnormal Runoff May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 30 10 cfs
	6737		06-01-78	137	PGandE		
	L3294						
B04-C0-2	Tiger Creek		S23, T7N, R13E, MD		Tiger Creek Afterbay		After License Renewal Years of Normal Runoff May 1 - Oct. 31 22 max 18 min. cfs Nov. 1 - Apr. 31 10 cfs Years of Subnormal Runoff May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 30 10 cfs
	6737		06-01-78	137	PGandE		
	L3294						
B04-C0-3	Tiger Creek		S8, T7N, R14E, MD		Regulation Dam		After License Renewal Years of Normal Runoff May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 31 5 cfs Years of Subnormal Runoff May 1 - Oct. 31 5 cfs Nov. 1 - Apr. 31 5 cfs
	6737		06-01-78	137	PGandE		
	L3294						
B04-C0-4	East Panther Creek		S1, T7N, R14E, MD		---		After License Renewal Years of Normal Runoff May 1 - Oct. 31 3 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 1.5 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f.
	6737		06-01-78	137	PGandE		
	L3294						

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
B04.CO-5	West Panther Creek 6737 L3294	S2, T7N, R14E, MD 06-01-78	137	---	---	After License Renewal Years of Normal Runoff May 1 - Oct. 31 1.5 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 1.5 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f.
B04.CO-6	Beaver Creek 6737 L3294	S3, T7N, R15E, MD 06-01-78	137	---	P.GandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 1/2 cfs or n.f. Nov. 1 - Apr. 30 1/2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 1/2 cfs or n.f. Nov. 1 - Apr. 30 1/2 cfs or n.f.
B04.CO-7	North Fork Mokolunne 6737 L3294	S7, T7N, R16E, MD 06-01-78	137	---	P.GandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 40 cfs Nov. 1 - Apr. 30 20 cfs Years of Subnormal Runoff May 1 - Oct. 31 20 cfs Nov. 1 - Apr. 30 20 cfs
B04.CO-8	Bear River 6737 L3294	S2, T7N, R15E, MD 06-01-78	137	---	P.GandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 4 cfs Years of Subnormal Runoff May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 4 cfs

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
B04.C0-9	Bear River	S19, T8N, R16E, MD		Bear River Reservoir Dam	After License Renewal Years of Normal Runoff May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 2 cfs Years of Subnormal Runoff May 1 - Oct. 31 2 cfs Nov. 1 - Apr. 30 2 cfs
	6737	06-01-78	137	PGandE	
	L3294				
B04.C0-10	Cole Creek	S28, T8N, R16E, MD		---	After License Renewal Years of Normal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f.
	6737	06-01-78	137	PGandE	
	L3294				
B04.C0-11	Cole Creek	S5, T7N, R16E, MD		---	After License Renewal Years of Normal Runoff May 1 - Oct. 31 3 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f.
	6737	06-01-78	137	PGandE	
	L3294				
B04.C0-12	North Fork Mokelumne	S33, T8N, R16E, MD		Salt Springs Dam	After License Renewal Years of Normal Runoff May 1 - Oct. 31 30 cfs Nov. 1 - Apr. 30 20 cfs Years of Subnormal Runoff May 1 - Oct. 31 20 cfs Nov. 1 - Apr. 30 20 cfs
	6737	06-01-78	137	PGandE	
	L3294				

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversions Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B04.CO-13	Meadow Creek 6737 L3294	S25, T9N, R18E, MD 06-01-78	137	Twin Lakes Dam PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 1 cfs Nov. 1 - Apr. 30 1 cfs Years of Subnormal Runoff May 1 - Oct. 31 1 cfs or n.f. Nov. 1 - Apr. 30 1 cfs or n.f.
B04.CO-14	Meadow Creek 6737 L3294	S27, T9N, R18E, MD 06-01-78	137	Meadow Lake Dam PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 5 cfs Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 5 cfs Nov. 1 - Apr. 30 2 cfs or n.f.
B04.CO-15	South Fork Mokolunge 5648F	S23, T6N, R13E, MD 11-23-71	-----	----- Calaveras Public U-D.	5 cfs or n.f., whichever is less 3 cfs or n.f. for dry yrs. {Dry year - year in which DWR forecast indicates 50% of normal runoff or less}
B04.CO-16	Blue Creek 6737 L3294	S18, T9N, R19E, MD 06-01-78	137	Upper Blue Lake Dam PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 2 cfs Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
B04-CO-17	Blue Creek	S30, T9N, R19E, MD		Lower Blue Lake Dam	After License Renewal Years of Normal Runoff May 1 - Oct. 31 15 cfs Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 7.5 cfs Nov. 1 - Apr. 30 2 cfs or n.f.
	6737	06-01-78	137	P6andE	
	L3294				
B04-CO-18	Moore Creek	SE1/4 of NW1/4 S7, T7N, R16E, MD NE1/4 of SW1/4 S7, T7N, R16E, MD		---	At all times bypass > 3 cfs or the n.f. whenever flow is less than above, at the points of diversion on Moore Creek.
	15777	03-17-54		Mayberry, Lin C.	
	L05891				

Identify Number	Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
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HYDROLOGIC UNIT - B0500 - UPPER CALAVERAS

B05.B0-1	Jesus Maria Creek		S23, T5N, R13E, MD			Jesus Maria Dam	Calaveras Co. W.D.	0.25 cfs or n.f.
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	11792		04-17-63	---				
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B05.CO-1	O'Neill Creek		S28, T5N, R14E, MD			O'Neill Dam	Calaveras Co. W.D.	0.25 cfs or n.f.
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	11792		04-17-63	---				
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B05.CO-2	San Antonio Creek		S9, T4N, R14E, MD			Scotts Dam	Calaveras Co. W.D.	1 cfs or n.f.
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	11792A		04-17-63	---				
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B06.CO-3	O'Neill Creek		NM1/4 of NM1/4 S33, T5N, R14E, MD			---		Bypass > 10 statutory miners inches or n.f. whenever flow is less than above, at the point of diversion
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	11788		05-12-58	---		Charles J. Robertson		
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	L05104							
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B05.CO-4	Cherokee Creek		NM1/4 of SM1/4 S25, T3N, R12E, MD			---		Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion
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	18895		08-03-59	---		William A. Spence		
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	L9102							
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Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date		Water Rights Applicant	

HYDROLOGIC UNIT - B0700 - MIDDLE WEST SIDE

B07-D2-1	Los Banos Creek	S12, T11S, R9E, MD		Los Banos Reservoir	4000 AF Mar. 15 - May 31 annually (max. delivery not to exceed 40 cfs) In the event of a dry year, deliver only such water as is available
21009		06-14-67	---	USBR	

Stream Name

Identity Number	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - B0800 - SAN JOAQUIN VALLEY FLOOR					
B08-J0-1	Merced River	S4, T3S, R15E, M0	2467	Merced Falls	3 cfs through fish ladder
	6470	---		P.GandE	
	L01911				

Stream Name 164

Water Rights Application Number Location Agreement Date FERC Project Number Diversion Name Minimum Instream Flows Under Agreement

License Number

HYDROLOGIC UNIT - STANISLAUS RIVER

B09.B1-1	Angel's Creek	S9, T2N, R13E, MD			Angel's Powerhouse	10 cfs
5648		03-01-79	2409		Calaveras Co. W.D.	
B09.B1-2	S. Ditch	S8, T3N, R14E, MD			Murphy's Powerhouse	10 cfs
5648		03-01-79	2409		Calaveras Co. W.D.	

Stream Name

Water Rights
Application Number
License Number

Location
Agreement
Date

FERC Project
Number

Diversion Name
Water Rights Applicant

Minimum Instream Flows
Under Agreement

Identity
Number

B09-B2-1 Stanislaus River

S10, TIN, R13E, MD

New Melones Reservoir

Normal years: 98,000 AF

19304

07-27-64

USBR

708

Dry years: 69,000 AF to be released
below Goodwin Dam in accordance with
the following schedule:

D1422

Period	Releases	
	Normal Year	Dry Year
Jan.-May	125 cfs	100 cfs
June-Sept.	150 cfs	50 cfs
Oct.-Dec.	200 cfs	150 cfs

Plus releases for water quality purposes shall be scheduled so as to maintain a mean monthly total dissolved solids concentration in the San Joaquin River at Vernalis of 500 parts per million or less and a dissolved oxygen concentration in the Stanislaus River as specified in the Water Quality Control Plan (Interim), San Joaquin River Basin 5C, State Water Resources Control Board, June 1971.

A dry is defined as one in which natural inflow into Shasta, Trinity, Folsom, and Millerton Reservoirs, as predicted for the water year, totals less than 5 million acre-feet, or one in which the combined water storage in Shasta, Trinity, Folsom, Auburn, and New Melones, as predicted for the water year, is less than 5 million acre-feet.

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
B09-00-10	Unnamed Trib. to Deer Creek 24335 L11194	NM1/4 of NM1/4 S27, T3N, R16E, MD	04-05-82		Ross A. Carkeet, Jr.	Jan. 1 - Dec. 31 > 3.7 gal per min
B09-00-1	N.F., Stanislaus River 19149	S2, T4N, R15E, MD	10-22-64	2019	Squaw Hollow Dam Calaveras Co. W.D.	After construction 16.5 cfs or n.f.
B09-00-2	N.F., Stanislaus River 19149	S18, T5N, R16E, MD	10-22-64	2019	Big Trees Dam Calaveras Co. W.D.	After construction 60 cfs or n.f.
B09-00-3	N.F., Stanislaus River 19149	S4, T6N, R17E, MD	10-22-64	2019	Ganns Dam Calaveras Co. W.D.	After construction 40 cfs or n.f.
B09-00-4	N.F., Stanislaus River	S20, T4N, R15E, MD	07-27-64		North Fork Diversions Tuolumne Co. W.D. No. 2	After construction 16.5 cfs or n.f.
B09-00-5	Beaver Creek 19149	S17, T5N, R16E, MD	10-22-64	2019	Upper Beaver Dam Calaveras Co. W.D.	After construction 16.5 cfs or n.f.
B09-00-6	Highland Creek	S9, T6N, R18E, MD	07-27-64	2019	Spicer Meadows Reservoir Tuolumne Co. W.D. No. 2	16.5 cfs or n.f., never <2 cfs

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversions Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B09-D0-7	Beaver Creek 19149	S36, T5N, R15E, MD 10-22-64	2019	Lower Beaver Dam Calaveras Co. W.D.	After construction 16.5 cfs or n.f.
B09-E1-1	M.F. Stanislaus 10122 L02862	S24, T4N, R16E, MD 07-27-64	2130	Sand Bar Flat Dam PG&E	May - Oct. 15 cfs but no >50 cfs Nov. - Apr. 10 cfs but no >25 cfs Dry year - 10 cfs or n.f.
B09-E1-2	M.F. Stanislaus -----	S15, T4N, R17E, MD 07-27-64	3005	Beardsley Afterbay Dam Oakdale-So. San Joaquin I.D.	May 1 - Oct. 31 50 cfs Nov. 1 - Apr. 30 25 cfs Dry year - 25 cfs or n.f. Dry year defined as 500,000 AF or less of runoff at Goodwin Dam
B09-E1-3	M.F. Stanislaus -----	S11, T5N, R20E, MD 07-27-64	-----	Kennedy Meadows Dam Calaveras CMD	After construction Normal Year May 1 - Oct. 31 50 cfs Nov. 1 - Apr. 30 25 cfs Dry Year 25 cfs or n.f.
B09-E1-4	M.F. Stanislaus River 012490 L010166	S35, T6N, R18E, MD -----	2005	Donnell Reservoir Oakdale-So. San Joaquin I.D.	May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 30 5 cfs Dry Year 5 cfs
B09-E1-5	M.F. Stanislaus River 12490 L10166	S31, T5N, R18E, MD -----	2005	Hells Half Acre Oakdale-So. San Joaquin I.D.	May 1 - Oct. 31 32 cfs Nov. 1 - Apr. 30 16 cfs Dry Year 16 cfs Dry Year = Runoff at Goodwin Dam < 500,000 ac. ft.

Water Rights Application Number
 License Number
 Location Agreement Date
 FERC Project Number
 Diversion Name
 Water Rights Applicant
 Minimum Instream Flows Under Agreement

HYDROLOGIC UNIT - B1000 - TUOLUMNE RIVER

B10.B1-1 Tuolumne River S3, T3S, R14E, MD
 14127 03-10-64 2299 New Don Pedro
 L11058 Turlock and Modesto I.D.

Period	Schedule B		Schedule B
	Normal Year	Dry Year	
	cfs	Ac-ft	cfs
Pre-season			
flushing flow	2,500	4,960	---
Oct. 1-15	200	5,950	50
Oct. 16-31	250	7,950	200
November	385	22,900	200
Dec. 1-15	385	11,450	200
Dec. 16-31	280	8,880	135
January	280	17,210	135
February	280	15,550	135
March	350	21,520	200
April	100	5,950	85
May-Sept.	3	910	3
Total Ac-ft		123,210	64,040

B10.C0-1 North Fork Tuolumne S22, T3N, R17E, MD
 19423 10-02-64
 Tuolumne Co. W.D. No. 2
 Normal Year
 Apr. 16 - Oct. 15 40 cfs
 Oct. 16 - Apr. 15 20 cfs
 Dry Year
 Apr. 16 - Oct. 15 20 cfs
 Oct. 16 - Apr. 15 20 cfs
 Dry year = from April - July
 <900,000 AF to Don Pedro Reservoir

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B10-C0-2	N.F. Tuolumne confluence with Sheehing Creek 19423	S21, T3N, R17E, MD 10-02-64	----	----- Tuolumne Co. W.D. No. 2	Normal Year May 1 - July 15 30 cfs July 16 - Oct. 31 20 cfs Nov. 1 - Apr. 30 10 cfs Dry Year May 1 - July 15 20 cfs July 16 - Oct. 31 15 cfs Nov. 1 - Apr. 30 10 cfs Dry year = from April - July <901,000 AF to Don Pedro Reservoir
B10-C0-3	Bell Creek 19423	S30, T4N, R19E, MD 10-02-64	----	Bell Meadows Reservoir Tuolumne Co. W.D. No. 2	Normal Year May 1 - Oct. 31 7 cfs Nov. 1 - Apr. 30 2 cfs Dry Year May 1 - Oct. 31 2 cfs Nov. 1 - Apr. 30 2 cfs Dry year = from April - July <901,000 AF to Don Pedro Reservoir
B10-C0-4	Lilly Creek 19423	S10, T3N, R18E, MD 10-02-64	----	Pine Valley Reservoir Tuolumne Co. W.D. No. 2	3 cfs all year
B10-C0-5	Little Sugar Pine Creek 16104 L09131	SM1/4 of NE1/4 S2, T2N, R16E, MD 10-21-54	----	----- MI-Muk Village Mutual Water Co.	Apr. 1 - June 30 > .11 cfs or n.f. whenever flow is less than above at the point of diversion

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
B10-CO-6	Sugar Pine Creek	SW1/4 of SE1/4 S30, T3N, R17E, MD	12-07-54		Oddfellows Sierra Recreation Ass.	Apr. 1 - June 30 > 0.2 cfs or the n.f. whenever the flow is less than above at the point of diversion
	16170					
	L06249					
B10-CO-7	Sugar Pine Creek	NW1/4 of SW1/4 S30, T3N, R17E, MD	12-07-54		Tuolumne County Water Dist. No. 2	Apr. 1 - June 30, no water shall be diverted unless the flow in Sugar Pine Creek immediately below the point of diversion for application 16170 exceeds 0.20 cfs
	16173					
	L10898					
B10-CO-8	North Fork Tuolumne River	SW1/4 of SW1/4 S28, T3N, R17E, MD	08-23-65		Tuolumne County Water Dist. No. 2	Temporary detention in storage is desired to maintain minimum flows as follows: Below Browns Meadow: Normal Year Apr. 15 - Oct. 15 > 40 cfs Oct. 16 - Apr. 15 > 20 cfs Dry Year > 20 cfs all year
	12493					
B10-CO-9	Hull Creek	NW1/4 of NE1/4 S2, T2N, R17E, MD	02-27-70			4 cfs or n.f. at diversion in Hull Meadow
	18652				J. R. Mills	
	L09160				Wm. H. Lubker	
B10-D1-1	Cherry Creek	S5, T1N, R19E, MD			Cherry Valley Reservoir	July 1 - Sept. 30 15 cfs Oct. 1 - June 30 5 cfs Dry year not less than 5 cfs
	Raker Act				City of San Francisco	

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B10-D1-2	Eleanor Creek Raker Act	S3, TIN, R19E, MD ----	----	Lake Eleanor City of San Francisco	Release from Reservoir Normal Year July 1 - Sept. 30 15 cfs Oct. 1 - June 30 5 cfs Dry year not less than 5 cfs
B10-E0-1	Tuolumne River Raker Act	S16, TIN, R20E, MD ----	----	Hetch-Hetchy City of San Francisco	Interim Schedule: May 1 - Sept. 15 75 cfs Sept. 16 - Apr. 30 35 cfs Dry Year: Not less than 35 cfs all year Proposed Schedule: (1976) Jan. 1 - Apr. 30 75 cfs May 1 - June 30 200 cfs July 1 - Sept. 30 150 cfs Oct. 1 - Dec. 31 75 cfs

Stream Name	Location	Diversions Name	Minimum Instream Flows Under Agreement
Water Rights Application Number	Agreement Date	Water Rights Applicant	
License Number	FERC Project Number		

HYDROLOGIC UNIT - B1100 - MERCED RIVER

B11.AD-1	Merced River	16187	S13, T4S, R15E, MD	05-28-63	2179	New Exchequer Dam	Merced I.D	<table border="0"> <tr> <td><u>Time</u></td> <td><u>Normal Year</u></td> <td><u>Dry Year</u></td> </tr> <tr> <td>June 1-Oct. 15</td> <td>25 cfs</td> <td>15 cfs</td> </tr> <tr> <td>Oct. 16-Oct. 31</td> <td>75 cfs</td> <td>60 cfs</td> </tr> <tr> <td>Nov. 1 - Dec. 31</td> <td>100 cfs</td> <td>75 cfs</td> </tr> <tr> <td>Jan. 1 - May 31</td> <td>75 cfs</td> <td>60 cfs</td> </tr> </table>	<u>Time</u>	<u>Normal Year</u>	<u>Dry Year</u>	June 1-Oct. 15	25 cfs	15 cfs	Oct. 16-Oct. 31	75 cfs	60 cfs	Nov. 1 - Dec. 31	100 cfs	75 cfs	Jan. 1 - May 31	75 cfs	60 cfs
<u>Time</u>	<u>Normal Year</u>	<u>Dry Year</u>																					
June 1-Oct. 15	25 cfs	15 cfs																					
Oct. 16-Oct. 31	75 cfs	60 cfs																					
Nov. 1 - Dec. 31	100 cfs	75 cfs																					
Jan. 1 - May 31	75 cfs	60 cfs																					
								Dry Year = DWR April - July runoff on May 1 forecast into Exchequer is less than 450,000 AF															

Davis-Grunsky Agreement (1968) with MIFish and Game requires flow release of 180-220 cfs during Nov. 1 to Apr. 1 perannually, plus spring flushing flows.

Flows to be measured at Shaffer Bridge 5 miles upstream from Cresssey.

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - B1300 - AHMAHNEE						
B13-A1-1	Chowchilla River	18714	S22, T8S, R18E, MD	---	Buchanan Dam USBR	Maximum Rate of diversion to offstream storage not to exceed 25 cfs (4-2-70) Note: Permittee - Mariposa Co. Fish and Game Protective Association Inc. May 20, 1971 SIRC8 Permittee's right to divert under this permit is restricted to times when the flow of the Chowchilla River at the USGS gauging station "Buchanan Dam site near Raymond" or some other gauging station suitable to the board exceed 1500 cfs for three consecutive days, permittee may divert on succeeding days if the flows are in excess of 1000 cfs
B13-A1-2	Tr-Ib. to DeLong Creek	17526 L10438	SM1/4 of SE1/4 S29, T5S, R20E, MD SE1/4 of SE1/4 S29, T5S, R20E, MD	---	Harvey L. Crose	At all times bypass \geq 0.75 cfs or the n.f., whenever flow is less than above, into the natural streambed of Oliver Creek below the point of diversion
B13-B0-1	Fresno River	18733	S34, T9S, R19E, MD	---	Hidden Dam USBR	Minimum pool requirement of 5,000 a.f.

Water Rights Application Number License Number Location Agreement Date FERC Project Number Divers ion Name Water Rights Applicant Minimum Instream Flows Under Agreement

HYDROLOGIC UNIT - B1400 - SAN JOAQUIN RIVER

B14-A1-1 San Joaquin River 25512 01-09-80 96 S24, T9S, R22E, MD Kerckhoff Reservoir
 P.Gaunde
 Normal year: 25 cfs
 Dry year: 15 cfs
 Dry year = When the forecast for the unimpaired runoff by the Calif. Dept. of Water Resources at Millerton Lake will be 45% or less of the average for the April - July period.

B14-A1-2 San Joaquin River 10338 06-20-49 2017 S20, T9S, R23E, MD Big Creek PH4
 S.C.E.

20 cfs, never >50 cfs
 All year or as decided by the FPC

B14-A1-3 Bald Mill Creek 25279 03-04-77 NE1/4 of NE1/4 S3, T10S, R23E, MD

Make a minimum of 1/2 GPM available from spring for wildlife needs

Jaunteece B. Daniels
 Chad D. Daniels

B14-C0-1 Stevenson Creek 1346 03-22-71 67 S13, T9S, R24E, MD

Apr. 1 - Nov. 15 3 cfs
 Nov. 16 - Mar. 31 2 cfs or n.f.

Shaver Lake

S.C.E.

L01622

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversions Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
B14-C0-2	San Joaquin River	S15, T9S, R23E, MD			(Redinger Lake) Dam No. 7		3 cfs all year
	10338	06-20-49	2017		S.C.E.		
	L06001						
B14-D0-1	S.F. San Joaquin	S19, 30, 31, T7S, R28E, MD			Hooper Creek, No. Slide Creek So. Slide Creek, Tombstone Creek S.C.E.		Normal Year May 1 - Sept. 30 27 cfs or n.f. Oct. 1 - Oct. 31 17 cfs or n.f. Nov. 1 - Apr. 30 15 cfs or n.f. Dry Year May 1 - Sept. 30 20 cfs or n.f. Oct. 1 - Oct. 31 13 cfs or n.f. Nov. 1 - Apr. 30 11 cfs or n.f. Includes: Hooper Creek - up to 4 cfs North Slide Creek - 0.2 cfs South Slide Creek - 0.2 cfs and N.F. of Tombstone Creek. Natural flow at all times
	11115	03-22-71	67				
	L05730						
							Normal Year = Apr. 1 USBR forecast for San Joaquin River at Friant exceeds 900,000 AF Dry Year = Apr. 1 USBR forecast for San Joaquin River at Friant is 900,000 AF or less

Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
176				
Identify Number	Agreement Date		Water Rights Applicant	
Water Rights Application Number				
License Number				
B14.00-2	S3, T7S, R27E, WD	67	Mono Creek Diversion Dam	Normal Year May 1 - Sept. 30 13 cfs or n.f. Oct. 1 - Oct. 31 9 cfs or n.f. Nov. 1 - Apr. 30 7.5 cfs or n.f. Dry Year May 1 - Sept. 30 9 cfs or n.f. Oct. 1 - Oct. 31 6 cfs Nov. 1 - Apr. 30 5 cfs or n.f. Normal Year = Apr. 1 forecast for San Joaquin River at Friant exceeds 900,000 AF Dry Year = Apr. 1 forecast for San Joaquin River at Friant is 900,000 AF or less
1341	03-22-71		S.C.E.	
L01617				
Bear Creek	S12, T7S, R27E, WD	67	Bear Diversion Dam	Normal Year May 1 - Sept. 30 3 cfs or n.f. Oct. 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f. Dry Year May 1 - Sept. 30 2 cfs or n.f. Oct. 1 - Oct. 31 1 cfs or n.f. Nov. 1 - Apr. 30 1 cfs or n.f. Normal Year = Apr. 1 USBR forecast for San Joaquin River at Friant Dam exceeds 900,000 AF Dry Year = Apr. 1 USBR forecast for San Joaquin River at Friant Dam is 900,000 AF or less
B14.00-3	S12, T7S, R27E, WD	67		
1342	03-22-71		S.C.E.	
L01618				
Camp 61 Creek	S19, T7S, R27E, WD	67	-----	May 1 - Sept. 30 1 cfs or n.f. Oct. 1 - Oct. 31 0.5 cfs or n.f. Nov. 1 - Apr. 30 0.5 cfs or n.f.
B14.00-4	03-22-71		S.C.E.	
26534				

Stream Name		Water Rights Application Number		Location		Diversion Name		Minimum Instream Flows Under Agreement	
Identity Number	License Number	Agreement Date	FERC Project Number	Agreement Date	FERC Project Number	Water Rights Applicant	Water Rights Applicant	Minimum Instream Flows Under Agreement	Minimum Instream Flows Under Agreement
B14.D0-5	Warm Creek	S10, T6S, R27E, MD	2086	10-18-54	2086	Diversion Dam	Diversion Dam	0.2 cfs at all times, plus flushing releases through 6-inch pipe on or about May 1 each year	
	L05732					S.C.E.	S.C.E.		
B14.D0-6	Mono Creek	S35, T6S, R27E, MD	2086	07-30-59	2086	Vermillion Valley Dam	Vermillion Valley Dam	10 cfs or n.f., whichever is less, at all times between dam and Mono Creek Diversion Dam	
	L3928					S.C.E.	S.C.E.		
	L06002								
B14.D0-7	Bolsillo Creek	S20, T7S, R27E, MD	67	03-22-71	67			May 1 - Sept. 30 0.4 cfs or n.f. Oct. 1 - Oct. 31 0.4 cfs or n.f. Nov. 1 - Apr. 30 0.4 cfs or n.f.	
	L1115					S.C.E.	S.C.E.		
	L05730								

Stream Name

178

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B14.00-8	Ross Ck., Rock Ck., San Joaquin River 13929 L08739	S14, T7S, R24E, MD 11-01-57	2085	Manmoth Pool Dam S.C.E.	Normal Year Apr. 16 - Oct. 31 25 cfs Nov. 1 - Apr. 15 10 cfs Dry Year Apr. 16 - Oct. 31 12.5 cfs Nov. 1 - Apr. 15 10 cfs
B14.00-9	Camp 62 Creek 26534	S28, T7S, R27E, MD 03-22-71	67	----- S.C.E.	Normal Year: Whenever Apr. 1 forecast of DMR for Apr.-July natural runoff of San Joaquin River at Friant Dam > 900,000 AF Dry Year: Whenever Apr. 1 forecast of DMR for Apr.-July natural runoff of San Joaquin River at Friant Dam < 900,000 AF
B14.E1-1	Potter Creek 16103 L09183	S5, T8S, R26E, MD 12-01-68	-----	----- Huntington Pines Mutual Water Co., Inc.	SOE never required to release >50 cfs by terms of this agreement May 1 - Sept. 30 0.3 cfs or n.f. Oct. 1 - Oct. 31 0.3 cfs or n.f. Nov. 1 - Apr. 30 0.3 cfs or n.f. .018 cfs or n.f. whenever less than .018 cfs at point of diversion above Hwy 168

Identity Number	Stream Name		Location		FERC Project Number	Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	License Number	Agreement Date			Water Rights Applicant		
B14-E1-2	Pitman Creek		S35, T8S, R25E, M0	---				Apr. 1 - Nov. 15 0.3 cfs or n.f. Nov. 16 - Mar. 31 0.3 cfs or n.f.
	1345		03-22-71	67	S.C.E.			
	L7621							
B14-E1-3	Big Creek		S25, T8S, R24E, M0			Dam No. 5		Normal Year Apr. 1 - Nov. 15 3 cfs or n.f. Nov. 16 - Mar. 31 2 cfs or n.f.
	26542		03-22-71	67	S.C.E.		Dry Year Apr. 1 - Nov. 15 2 cfs or n.f. Nov. 16 - Mar. 31 1 cfs or n.f.	
B14-E1-4	San Joaquin River		S27, T8S, R24E, M0			Dam No. 6		3 cfs all year
	24701		06-20-46	---	S.C.E.			

Stream Name

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Identity Number	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - C0000 - TULARE LAKE					
HYDROLOGIC UNIT - C0100 - SOUTH VALLEY FLOOR					
C01-EO-1	Kings River	S2, T13S, R24E, MD		Pine Flat Dam	25 cfs or Inflow = to flow into Pine Flat Reservoir, whichever is less
	25169	08-29-79	2741	Kings River Conservation District	
C02-80-1	White Creek	SW1/4 of NE1/4 S32, T18S, R13E, MD		---	Make available at the point of diversion for use by wildlife approximately 200 gpd or the flow of the spring, whenever it is less than 200 gpd
	21024	11-23-62	---	Atlas Asbestos Co.	
	L09211				

Identity Number	Stream Name		Location Agreement Date	FERC Project Number	Divers ion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number	License Number				
HYDROLOGIC UNIT - C0300 - KINGS RIVER						
C03-B1-3	Kings River		S17, T12S, R26E, MD		----	June 1 - Nov. 30 30 cfs Dec. 1 - May 31 30 cfs Dry year: Not less than 20 cfs throughout year Dry year = Any 12 month period beginning May 1 in which natural runoff of Kings River at Pine Flat Dam (May 1 forecast) will be 50% or less of the average for this period
	12243, 1920		07-01-78	175	PGandE	
	L9104, L9106					
C03-B3-1	N. F. Kings River		S12, T12S, R26E, MD		Balch Afterbay	June 1 - Nov. 30 15 cfs Dec. 1 - May 31 10 cfs Dry Year: 10 cfs year round Dry year = Any 12 month period beginning May 1 in which natural runoff of Kings River at Pine Flat Dam (May 1 forecast) will be 50% or less of the average for this period
	12243, 1920		07-01-78	175	PGandE	
	L9104, L9106					
C03-B3-2	N. F. Kings River		S3, T12S, R27E, MD		Balch Diversion - Black Rock Res.	June 1 - Nov. 30 5 cfs Dec. 1 - May 31 2.5 cfs Dry year: 2.5 cfs year round Dry year = Any 12 month period beginning May 1 in which natural runoff of Kings River at Pine Flat Dam (May 1 forecast) will be 50% or less of the average for this period
	12243, 1920		07-01-78	175	PGandE	
	L9104, L9106					

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
CO3-B3-4	N.F. Kings River 4703, 12724 L9107, L09770	S6, T11S, R28E, MD 09-16-57	1988	Wilson Reservoir PGandE	June 1 - Nov. 30 15 cfs Dec. 1 - May 31 7.5 cfs Dry year: Not less than 7.5 cfs all year
CO3-B3-5	Helms Creek 12726, 18227 L10747, L10748	S7, T10S, R28E, MD 10-01-77	1988 2755	Courtright Dam PGandE	June - Nov. 4 cfs Dec. - May 2.5 cfs Dry year: Not less than 2.5 cfs throughout year Dry Year: Runoff at Pietra is estimated by DWR to be 1,000,000 AF or less.

Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion

At all times release flows in stream below point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion.

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversions Name Water Rights Applicant	Minimum Instream Flows Under Agreement																				
HYDROLOGIC UNIT -- KAWEAH RIVER																									
C04.B2-1	Marble Fork of Kawah River ----	S23, T16S, R29E, MD 12-15-75	298	Kawah No. 3 S.C.E.	Special Use Permit Sec. of Interior Minimum Release Into Kaweah River at Marble Fork and Middle Fork <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Marble</th> <th>Middle</th> </tr> </thead> <tbody> <tr> <td>Jan. and Feb.</td> <td>20 cfs</td> <td>5 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Mar. - June</td> <td>30 cfs</td> <td>9 cfs</td> <td>21 cfs</td> </tr> <tr> <td>July and Aug.</td> <td>20 cfs</td> <td>6 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Sept. and Dec.</td> <td>11 cfs</td> <td>1.5 cfs</td> <td>9.5 cfs</td> </tr> </tbody> </table>		Total	Marble	Middle	Jan. and Feb.	20 cfs	5 cfs	14 cfs	Mar. - June	30 cfs	9 cfs	21 cfs	July and Aug.	20 cfs	6 cfs	14 cfs	Sept. and Dec.	11 cfs	1.5 cfs	9.5 cfs
	Total	Marble	Middle																						
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July and Aug.	20 cfs	6 cfs	14 cfs																						
Sept. and Dec.	11 cfs	1.5 cfs	9.5 cfs																						
C04.B3-2	Middle Fork Kaweah River ----	S25, T16S, R29E, MD 12-15-75	298	----- Southern Calif. Edison	Special Use Permit Sec. of Interior minIn releases Into Kaweah River at Marble Fork and Middle Fork <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Marble</th> <th>Middle</th> </tr> </thead> <tbody> <tr> <td>Jan. - Feb.</td> <td>20 cfs</td> <td>5 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Mar. - June</td> <td>30 cfs</td> <td>9 cfs</td> <td>21 cfs</td> </tr> <tr> <td>July - Aug.</td> <td>20 cfs</td> <td>6 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Sept. - Dec.</td> <td>11 cfs</td> <td>1.5 cfs</td> <td>9.5 cfs</td> </tr> </tbody> </table>		Total	Marble	Middle	Jan. - Feb.	20 cfs	5 cfs	14 cfs	Mar. - June	30 cfs	9 cfs	21 cfs	July - Aug.	20 cfs	6 cfs	14 cfs	Sept. - Dec.	11 cfs	1.5 cfs	9.5 cfs
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Sept. - Dec.	11 cfs	1.5 cfs	9.5 cfs																						

Stream Name

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Water Rights
Application Number
License Number

Location:
Agreement
Date

Diversion Name
Water Rights Applicant

Minimum Instream Flows
Under Agreement

HYDROLOGIC UNIT - 0500 - SOUTHERN SIERRA

C05-A1-1	M.F. of Tule River	S27, T20S, R30E, MD	Lower Tule	June 1 - Sept. 30 9.7 cfs) or n.f. Oct. 1 - May 31 4.7 cfs) whichever
---	---	---	S.C.E.) is less

Flows to be measured just below confluence of N. and S. Fork of Middle Fork

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - 0600 - KERN RIVER					
06.A0-1	Kern River	S5, T28S, R31E, MD	1930	Democrat Dam (KR #1)	50 cfs, June 1 - Sept. 30 then SCE can take entire flow of stream or so much as to maintain 74 cfs through power house at KR #1
06.A0-2	Black Gulch	NE1/4 of NE1/4 S4, T27S, R32E, MD	---	S.C.E.	
	2324	10-26-65	---	---	At point of diversion facilities acceptable to the Department of Fish and Game which will make acceptable a minimum of 50 gallons of water per day for use by wildlife
	L09091			Kenneth Wortley	
06.B2-1	Kern River	S12, T23S, R32E, MD		Fairview Dam (KR #3)	
	13778	08-09-63	2290	S.C.E.	
	L05731				

Month	Dry Yr.	Normal Yr.
Jan.	25	40 cfs)
Feb.	25	40 cfs)
Mar.	60	70 cfs)
Apr.	80	100 cfs)
May	90	100 cfs) or
June	90	100 cfs) natural
July 15	85	100 cfs) flow
July 16	75	90 cfs)
Aug.	75	90 cfs)
Sept.	65	70 cfs)
Oct.	25	50 cfs)
Nov.	25	40 cfs)
Dec.	25	40 cfs)
Dry Year = Apr. 1 - July 31 total runoff <186,000 AF		
Normal Year = Apr. 1 - July 31 >186,000 AF		

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
C06.82-2	Kern River		S25, T23S, R32E, MD 08-09-63	2290	Kern River Fish Hatchery S-C-E.	Not less than 20 cfs from KR #3 conduit
	13778					
	L05731					
C06.82-3	Salmon Creek		S30 T23S, R33E, MD 08-09-63	2290	KR #3 Aqueduct S-C-E.	Feb. - June 4 cfs July - Jan. 1 cfs or n.f.
	13778					
	L05731					
C06.84-4	Corral Creek		S9, T24S, R33E, MD 08-09-63	2290	KR #3 Aqueduct S-C-E.	Feb. - June 1 cfs July - Jan. 0.5 cfs or n.f.
	13778					
	L05731					
C06.84-1	Freeman Creek		NE1/4 of SW1/4 S35, T20S, R32E, MD SW1/4 of SE1/4 S35, T20S, R32E, MD SE1/4 of SW1/4 S35, T20S, R32E, MD NE1/4 of NW1/4 S1, T21S, R32E, MD		----- R. M. Pyles Boys Camp	At all times release \geq 0.25 cfs or the n.f., whenever flow is less than above, at the point of diversion
	16854					
	L08954		01-25-56			

Stream Name

Identity Number	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - E0000 - SAN FRANCISCO BAY							
HYDROLOGIC UNIT - E0100 - MARIN COASTAL							
E01-A2-1	Arroyo Sausal	24928	S31, T4N, RBW, WD	---	Soulajule Dam	Mar In M.W.D.	Beginning with the first storm in November-December of each year that raises the Walker Creek flow at the USGS gauge upstream from the confluence with Chileno Creek above 25 cfs, and continuing through Dec. 31, releases from Soulajule Reservoir will maintain the following minimum flow at that gauge.
					Nicasio Reservoir	Minimum flow to storage the previous May 1	Minimum flow to be maintained
					more than		
					20,200 acre-feet		20 cfs
					between 20,200 and 13,500 acre-feet		10 cfs
						From Jan. 1 through Mar. 31 minimum flows at the USGS gauge above Chileno Creek.	
					Nicasio Reservoir	Minimum flow to storage on Jan. 1	Minimum flow to be maintained
					more than		
					10,600 acre-feet		20 cfs
					between 7,400 and 10,600 acre-feet		10 cfs

Stream Name

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Water Rights
Application Number
License Number

Location
Agreement
Date

Diversion Name

Water Rights Applicant

Minimum Instream Flows
Under Agreement

E01.A2-1 (Continued)

On Feb. 1

more than
13,800 acre-feet 20 cfs
between 9,400 and
13,800 acre-feet 10 cfs

On March 1

more than
16,800 acre-feet 20 cfs
between 11,300 and
16,800 acre-feet 10 cfs

During April, except as provided in Paragraph (6) below, DISTRICT will reduce the minimum flows that have been maintained during the previous March by half. During May DISTRICT will further reduce the minimum flow to the summer level described in Paragraph (5) below. The minimum flow will be reduced no more than 1 cfs each two days during flow reduction in April and May.

From July 1 until the following winter minimum flow is required, DISTRICT will release sufficient stored water from the lower depths of Soule/Julie Reservoir to maintain the following flows at the USGS gauge above Chileno Creek.

Water Rights
Application Number
License Number

Location
Agreement
Date

FERC Project
Number

Divers ion Name

Water Rights Applicant

Minimum Instream Flows
Under Agreement

E01-A2-1 (Continued)

Nicasio Reservoir Minimum flow
storage on pre- to be maintained
vious May 1

more than

20,200 acre-feet 5 cfs

between 20,200 and

13,500 acre-feet 2 cfs

Paragraph 6; Whenever the storage in Nicasio Reservoir is less than the minimum amounts shown in Paragraph (2), (3) and (5) above, the surface flow in Arroyo Sausal immediately downstream from SoulaJule Reservoir will be maintained at 0.5 cfs and will not be allowed to drop below that rate at any time.

The above minimum flows will be maintained from the time the enlarged SoulaJule Reservoir is first filled.

During a water shortage emergency, District will release only so much natural inflow or stored water from SoulaJule Reservoir that is agreed upon by the State and District.

Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
190				
Identity Number	Water Rights Application Number	Water Rights Applicant	Minimum Instream Flows Under Agreement	
	License Number			
E01.A3-1	Nicasio Creek	-----	Nicasio Dam	Annual flow maintenance 4000 AF Nicasio Reservoir - minimum flow requirements
17317	S28, T3N, R6W, MD 01-16-68		Marin M.W.D.	Nov.-Dec. more than 20,000 AF 20 cfs <20,000 >13,500 AF 10 cfs
				Jan. 1 more than 10,600 AF 20 cfs <10,600 > 7,400 AF 10 cfs
				Feb. 1 more than 13,800 AF 20 cfs <9,400 >13,800 AF 10 cfs
				March 1 more than 16,800 AF 20 cfs <11,500 >16,800 AF 10 cfs
				April Reduce March flows by half
				Apr.-May Reduce to no more than 1 cfs each two days during flow redistribution
				From July 1 to winter storage on May 1
				Flow in cfs
				>20,200 AF 5 cfs
				<20,200 AF >13,500 AF 2 cfs
E01.A3-2	Devils Gulch, Trib. to Lagunitas Creek	NE1/4 of NM1/4 S2, T2N, R6W, MD	-----	Bypass total streamflow whenever USGS stream gage at Point Reyes reads less than 3.09 cfs
		05-05-77	Mark Pasternak	

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversions Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - E0200 - SAN MATEO					
E02.B1-1	Locks Creek 23846	SM1/4 of SE1/4 S6, T5S, R6W, MD 04-21-81	-----	----- Figone, Louie	Dec. 1 - Apr. 1; bypass half of the surface flow when flow is < 3 cfs or n.f. where flow is less than above
E02.B1-2	Denniston Creek 25461	SE1/4 of SW1/4 S2, T5S, R6W, MD 12-01-80	-----	----- Half Moon Bay Properties	Dec. 1 - Mar. > 1 cfs or n.f. where flow is less than above
E02.B1-3	S.F. San Pedro Creek 23733	NE1/4 of SW1/4 S24, T4S, R6W, MD 03-23-71	-----	----- North Coast County Water Dist.	At all times bypass min 0.15 cfs or the total flow of S.F. San Pedro Creek, whichever is less, at the point of diversion
E02.B1-4	Denniston Creek 25469	SE1/4 of SW1/4 S2, T5S, R6W, MD 08-17-77	-----	----- Half Moon Bay Properties, Inc.	Bypass from Dec. 1 - Mar. 31 > 1 cfs or n.f. whichever is less
E02.B1-5	Tr. Ib. to Denniston Creek 25468	SW1/4 of NE1/4 S2, T5S, R6W, MD SE1/4 of NW1/4 S2, T5S, R6W, MD 08-17-77	-----	----- Half Moon Bay Properties, Inc.	Bypass from Dec. 1 - Mar. 31 > 1 cfs or n.f. whichever is less
E02.B1-6	Tr. Ib. to Denniston Creek 25467	NE1/4 of NE1/4 S2, T5S, R6W, MD 08-17-77	-----	----- Half Moon Bay Properties, Inc.	Bypass from Dec. 1 - Mar. 31 > 1 cfs or n.f. whichever is less

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E02-B2-1	Pillarctos Creek 25407	SW1/4 of NW1/4 S28, T5S, R5W, MD 11-16-77	-----	----- California Evergreen Nursery	At all times flow must be <u>> 5</u> cfs or n.f. No diversion when creek, at the point of diversion, is between 10 & 17 cfs
E02-B2-3	Frenchmans Creek 25470	S18, T5S, R5W, MD 09-20-78	-----	----- Half Moon Bay Properties	Dec. 1 - Mar 31 <u>> 3</u> cfs or where flow is less than above
E02-B2-4	Arroyo Leon 25463, 25464, 25465	NW1/4 of SW1/4 S33, T5S, R5W, MD 08-17-77	-----	----- Half Moon Bay Properties, Inc.	Shall not divert from Arroyo Leon when streamflow at USGS gage on Pilarctos Creek is between 10 and 20 cfs or when during Mar. 15 - Apr. 30 at mentioned gage flow is at or below 5 cfs
E02-B3-1	Arroyo Leon 25462	NE1/4 of SE1/4 S32, T5S, R5W, MD 02-01-80	-----	----- Half Moon Bay Properties	No diversion when streamflow on Pilarctos Creek is between 10 & 20 cfs. No diversion from Mar. 15 - Apr. 30 when streamflow on Pilarctos Creek is <u>≤ 5</u> cfs or n.f. where flow is less than above
E02-B3-2	Purissima Creek 18508	SW1/4 of SE1/4 S2, T6S, R5W, MD 01-27-59	-----	----- Minalchis, John Minalchis, Tom & Sus	At all times bypass <u>> 0.5</u> cfs or the n.f. whenever flow is less at the point of diversion
	L9456				

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E02.B3-4	Lobitos Creek 25730, 25731	SE1/4 of SW1/4 S14, T6S, R5W, MD 05-02-78	----	---- Carol Lennox	Bypass at all times Inflow to the impoundment when flow in Lobitos Creek, at a point immediately downstream from confluence of unnamed stream and Lobitos Creek, is at or below 2.0 cfs
E02.B3-5	Lobitos Creek 25734	NW1/4 of NW1/4 S23, T6S, R5W, MD 05-04-78	----	---- George L. Kolby, Shiela A. Kolby	Bypass Inflow waters to impoundment when flow in Lobitos Creek is at or below 2.0 cfs
E02.B3-6	Lobitos Creek 25750	NW1/4 of SW1/4 S14, T6S, R5W, MD 05-30-78	----	---- Terence C. Hiatt Susan I. Hiatt	No diversion when flow in Lobitos Creek at a point immediately downstream from the confluence of unnamed stream and Lobitos Creek is at or below 2.0 cfs
E02.C0-3	San Gregorio Creek 25877	SW1/4 of NE1/4 S14, T7S, R5W, MD 11-29-78	----	---- August J. Repetto and Doris A. Repetto	Bypass from Dec. 1 - May 1 entire stream flow for 5 days after a major storm producing flow of 50 cfs or greater in San Gregorio Creek at USGS gage > 5 cfs except during dry year when > 2 cfs. Dry year = rainfall to date less than 70% are as measured by Parks and Recreation office in Half Moon Bay
E02.C0-4	Mindago Creek 24240	SE1/4 of SE1/4 S13, T7S, R4W, MD 11-06-72	----	---- Cuesta La Honda Guild	Nov. 1 - May 31 bypass > 1 cfs or total streamflow 1" less

Stream Name	Location	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	Agreement Date		Water Rights Applicant	
Water Rights Application Number				
License Number				
E02.00-5	San Gregorio Creek 26125, 26126	NE1/4 of NE1/4 S15, T7S, R5W, MD 11-08-79	----- Nicola D. Muzzi, Liliana M. Muzzi Edward Campinotti, Diana M. Campinotti	Dec. 1 - May 1 bypass entire streamflow for 5 days after a major storm producing flows ≥ 50 cfs in San Gregorio Creek at USGS gage : ≥ 5 cfs otherwise : ≥ 2 cfs during dry year when rainfall to date is 70% of average as measured by Department of Parks and Recreation Office in Half Moon Bay
E02.00-1	Pescadero Ck. 25337	Pescadero Creek: SE1/4 of NE1/4 S10, T8S, R5W, MD 12-18-80	----- Dias, John Dias, Noel W.	Irrigation: Dec. 1 - Apr. 15 ≥ 9.4 cfs Storage: Dec. 1 - Apr. 30 ≥ 13 cfs or n.f. where flow is less than above
E02.00-2	Butano Creek 25338	NE1/4 of SE1/4 S15, T8S, R5W, MD -----	----- Dias, John	Irrigation: Dec. 1 - Apr. 15 ≥ 9.4 cfs Storage: Dec. 1 - Apr. 30 ≥ 13 cfs or n.f. where flow is less than above
E02.00-3	Butano Creek 25302	SW1/4 of NE1/4 S16, T8S, R5W, MD 07-08-77	----- Campinotti, Edward Bardini, Joe, Jr. Diecchio, Sylvia, et al	Dec. 1 - Apr. 15 ≥ 9.4 cfs or n.f. where flow is less than above
E02.00-4	Butano Creek 25598	SW1/4 of SW1/4 S10, T8S, R5W, MD 06-23-78	----- Level Lea Farms	Nov. 1 - May ≥ 9.4 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E02.00-5	Pescadero Creek 24788	SE1/4 of SW1/4 S33, T7S, R4W, MD 12-05-80	----	----- San Mateo Co. Board of Education	> 5 cfs at all times or n.f. whenever flow is less than above
E02.00-6	Butano Creek 19551, 17198 L09654, L07342	SW1/4 of SE1/4 S14, T8S, R5W, MD 07-14-60	----	----- Maurice Oppenheimer Rita Giannini	Dec. 1 - May 31 > 3 cfs June 1 - Nov. 30 > 0.5 cfs or the n.f. whenever flow is less than above, past the point of diversion
E02.00-7	Big Butano Creek 17590 L01740	SW1/4 of NW1/4 S14, T8S, R5W, MD 05-09-57	----	----- Oku, Inc.	Dec. 1 - Apr. 1 > 3 cfs or the n.f. whenever flow is less than above at the point of diversion
E02.00-8	Tr-lb. to Butano Creek 25303	SW1/4 of NE1/4 S9, T8S, R5W, MD 05-21-77	----	----- Edward Campinotti, Sylvia DiVecchio and Lera Bandini	Bypass from Dec. 1 - Apr. 15 > 9.4 cfs or n.f. whichever less
E02.00-9	Tr-lb. to Butano Creek 25868	NW1/4 of SW1/4 S14, T8S, R5W, MD NW1/4 of NW1/4 S14, T8S, R5W, MD SW1/4 of NW1/4 S14, T8S, R5W, MD 11-13-78	----	----- Lorena Y. Burns and Debbie Kieffer	Bypass from Dec. 1 - Apr. 15 > 9.4 cfs or n.f. whichever less
E02.00-10	Tr-lb. to Butano Creek 25950	SW1/4 of NW1/4 S14, T8S, R5W, MD NW1/4 of SW1/4 S14, T8S, R5W, MD 03-26-79	----	----- Oku, Inc.	Bypass from Dec. 1 - Apr. 15 > 9.4 cfs or n.f. whichever less

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E02.00-11	Trib. to Butano Creek 20711 L08736	SW1/4 of SW1/4 S10, T8S, R5W, MD NE1/4 of NW1/4 S15, T8S, R5W, MD 04-05-62		Level Lea Farms	Dec. 1 - June 1 > 3 cfs or the n.f. whenever flow is less than above, at the point of diversion
E02.00-12	Pescadero Creek 25676	SE1/4 of NW1/4 & NE1/4 of NW1/4 S10, T8S, R5W, MD 10-10-79		Coastside Wholesale Florist, Inc.	Dec. 1 - May 1 > 13 cfs or n.f. where flow is less than above
E02.00-14	Pescadero Creek 25318	S11, T8S, R5W, MD 02-19-81		Bernard Burns, Jr., Debbie Kieffer	Dec. - Apr. 30 > 13 cfs or n.f. whenever flow is less than above

Stream Name

Identify Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversions Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - E0600 - SAN PABLO					
E06-00-1	Arroyo Seco Creek 24504	NM1/4 of SM1/4 S16, T5N, R5W, MD 01-30-75	---	---	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - May 20 \geq 2 cfs or n.f. where flow is less than above
E06-00-2	Fowler Creek 24023	NM1/4 of NM1/4 S31, T5N, R5W, MD 08-31-72	---	Sebastiani, Sylvia	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - May 31 \geq 1 cfs or n.f. where flow is less than above
E06-00-3	Nathanson Creek 24468	NM1/4 of NM1/4 S5, T5N, R5W, MD 09-11-77	---	Haywood, Pete	Dec. 1 - Feb. 29 Bypass \geq 7 cfs Mar. 1 - May 31 Bypass \geq 3 cfs or n.f. where flow is less than above
E06-00-4	Sonoma Creek 24503	SM1/4 of NM1/4 S35, T6N, R6W, MD 09-27-77	---	Cabo, A Partnership	Sept. 1 - Nov. 30 \geq 2 cfs Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 20 \geq 10 cfs or n.f. where flow is less than above
E06-00-5	Rodgers Ck. 24531	NE1/4 of NM1/4 S25, T5N, R6W, MD 01-09-78	---	Geyser Peak Winery	Dec. 1 - Feb. 29 \geq 7 cfs Mar. 1 - May 30 \geq 2 cfs or n.f. where flow is less than above
E06-00-6	Hutchica Creek 24278	NE1/4 of NE1/4 S1, T4N, R5W, MD 05-17-77	---	Buena Vista Winery	Nov. 15 - Feb. 29 \geq 10 cfs Mar. 1 - Apr. 30 \geq 2.5 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E06.D0-8	Sonoma Creek 24238	NE1/4 of SE1/4 S27, T6N, R6W, MD 02-26-74	---	---	Nov. 15 - Feb. 14 \geq 20 cfs Mar. 1 - May 31 \geq 10 cfs June 1 - June 15 \geq 2 cfs or n.f. whenever flows is less than above
E06.D0-9	Sonoma Creek 16130 L05027	NM1/4 of NM1/4 S5, T6N, R6W, MD 11-09-54	---	Valentine Rossi	At all times bypass \geq 50 gallons per minute or the n.f. whenever flows is less than above at the point of diversion
E06.D0-10	Sonoma Creek 24024	S33, T5N, R5W, MD 10-25-74	---	Sylvia Sebastiani	Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 31 \geq 10 cfs Jun. 1 - Aug. 31 \geq 2 cfs or n.f. whenever flow is less than above
E06.E0-1	Napa River 24018 L11135	NM1/4 of SE1/4 S31, T7N, R4W, MD 04-28-75	---	Truyens, Lillian Disney	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. where flow is less than above
E06.E0-2	Bear Canyon Creek 23883	NE1/4 of NE1/4 S17, T7N, R5W, MD 10-26-78	---	DePins, Madame Helen	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E06.E0-3	Bear Canyon Creek 23885	NE1/4 of NE1/4 S17, T7N, R5W, MD 08-10-79	-----	----- Bosche, John H.	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
E06.E0-4	Napa River 23886	NW1/4 of NE1/4 S16, T6N, R4W, MD 11-03-80	-----	----- Riglan, A. G.	Dry Creek: Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs Napa River: Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs Frost Protection; Dry Creek: Mar. 15 - Apr. 30 \geq 5 cfs or n.f. where flow is less than above
E06.E0-5	Napa River 23887	SW1/4 of NE1/4 S8, T6N, R4W, MD 03-06-73	-----	----- VOC, Inc.	Napa River: Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs Dry Creek: Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs or n.f. where flow is less than above
E06.E0-6	Bear Canyon Creek 23889	NE1/4 of SE1/4 S17, T7N, R5W, MD 08-21-81	-----	----- United Vinters Inc.	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
Identity Number	License Number					
E06-E0-7	Bear Canyon Creek and Balle Slough 23890	NE1/4 of NE1/4 S21, T7N, R5W, MD 08-25-80				Irrigation: Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs Frost Protection: Mar. 15 - May 15 \geq 2 cfs or n.f. where flow is less than above
E06-E0-8	Napa River 25317	SW1/4 of SE1/4 S4, T7N, R5W, MD 06-28-78			Heublein Inc. dba Beaulieu Vineyards Connolly Mathilde Carpy	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. where flow is less than above
E06-E0-9	Napa River and Conn Ck. 24433	NW1/4 of SW1/4 S15, T7N, R5W, MD 12-01-80			Connecticut Mutual Life	Frost Protection; Conn Creek: Mar. 15 - May 15 \geq 3 cfs Napa River: Mar. 15 - May 15 \geq 10 cfs or n.f. where flow is less than above Irrigation; Conn Creek: Nov. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 3 cfs Napa River: Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
E06-E0-10	Napa River 25448	NW1/4 of NE1/4 S27, T6N, R4W, MD 12-15-79			Preferred Vineyard Properties	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. where flow is less than above

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E06.E0-11	Napa River 25449	SE1/4 of NW1/4 S22, T6N, R4W, MD 12-15-79	-----	----- Elliott, Roy H., et al	Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - Mar. 15 > 10 cfs or n.f. where flow is less than above
E06.E0-12	HutchIce Creek 25630	NW1/4 of SW1/4 S6, T4N, R4W, MD 11-24-78	-----	----- C. Mondavi and Sons	Nov. 1 - Nov. 30 > 2 cfs Dec. 1 - Feb. 29 > 10 cfs Mar. 1 - Apr. 30 > 2 cfs or n.f. where flow is less than above
E06.E0-13	Napa River 25700	NW1/4 of NE1/4 S6, T6N, R4W, MD 11-13-80	-----	----- Retlaw Enterprises	Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 15 > 10 cfs or n.f. where flow is less than above Frost protection: Mar. 15 - May 15 > 10 cfs
E06.E0-14	Sarcos Creek 24456	SW1/4 of SW1/4 S30, T6N, R3W, MD 04-05-78	-----	----- Hills, Austin	Nov. 1 - Feb. 29 Bypass > 1 cfs Mar. 1 - May 15 Bypass > 0.5 cfs or n.f. where flow is less than above
E06.E0-15	Napa River 24443	SW1/4 of NW1/4 S9, T6N, R4W, MD 01-03-79	-----	----- Mondavi Vineyards	Oct. 1 - Oct. 31 Bypass > 3 cfs Nov. 1 - Nov. 14 Bypass > 1 cfs Nov. 15 - Feb. 29 Bypass > 15 cfs Mar. 1 - May 15 Bypass > 10 cfs or n.f. where flow is less than above
E06.E0-16	Pickle Canyon Creek 24505	SE1/4 of NE1/4 S16, T6N, R5W, MD 07-01-77	-----	----- Bernstein, Michael	0.5 cfs or n.f.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E06-E0-17	Redwood Creek	SW1/4 of SW1/4 S32, T6N, R4W, MD	----	----	Dec. 1 - Feb. 29 > 7 cfs Mar. 1 - Apr. 30 <u>5</u> cfs May 1 - May 15 > 1 cfs or n.f. where flow is less than above
	24527	08-11-77	----	Hanson, Raymond L. Hsieh, Thomas	
E06-E0-18	Napa River	NE1/4 of NW1/4 S22, T7N, R5W, MD	----	----	Storage and diversion requirements: Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 15 > 10 cfs Diversion requirements: Mar. 15 - May 15 > 10 cfs or n.f. where flow is less than above
	24592	12-22-80	----	Mont La Salle Vineyards	
E06-E0-19	Napa River	SE1/4 of SE1/4 S23, T8N, R6W, MD	----	----	Storage and diversion requirements: Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 15 > 10 cfs Diversion Requirements: Mar. 1 - May 15 > 10 cfs or n.f. where flow is less than above
	24591	11-06-80	----	Carpenter, Lewis G., Dr.	
E06-E0-20	Dry Creek	NW1/4 of NE1/4 S17, T6N, R4W, MD	----	----	Nov. 1 - Mar. 31 > 5 cfs Apr. 1 - May 15 > 3 cfs or n.f. where flow is less than above
	24693A	11-25-77	----	Trefethen, E. E.	
E06-E0-21	Napa River	SE1/4 of SE1/4 S10, T8N, R6W, MD	----	----	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 15 > 10 cfs or n.f. where flow is less than above
	24866	01-05-77	----	Crocker, Charles	

Stream Name		Location Agreement Date	FERC Project Number	Diversions Name Water Rights Applicant	Minimum Instream Flows Under Agreement
Identity Number	Water Rights Application Number				
License Number					
E06-EO-22	M111 Creek	NW1/4 of SW1/4 S14, T8N, R6W, MD			Nov. 1 - Nov. 14 \geq .5 cfs Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - May 15 \geq 1 cfs or n.f. where flow is less than above
	24916	02-17-77		Hewitt, Wm. A.	
E06-EO-23	Dry Creek	SW1/4 of NW1/4 S2, T6N, R5W, MD			Nov. 1 - May 15 \geq .5 cfs or n.f. where flow is less than above
	24917	04-14-78		Moffitt, Herbert C.	
E06-EO-24	Pickle Canyon Creek	NE1/4 of SE1/4 S16, T6N, R5W, MD			Nov. 1 - June 1 \geq 0.5 cfs or n.f. where flow is less than above
	25077, 25078	06-28-78		Veedercrest Vineyards	
E06-EO-25	Hutchica Creek	SW1/4 of NW1/4 S6, T4N, R4W, MD			Nov. 1 - Nov. 30 \geq 2 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
	25935	09-23-80		Beckstoffer, W. Andrew	Frost protection: Mar. 15 - May 15 \geq 2 cfs or n.f. where flow is less than above
E06-EO-26	Garnett Creek	NE1/4 of SW1/4 S24, T9N, R7W, MD			Nov. 1 - Nov. 14 \geq 0.5 cfs Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - Mar. 15 \geq 3 cfs or n.f. where flow is less than above
	24147	01-31-75		Hannan, J. E.	
E06-EO-27	Conn Creek	SW1/4 of SE1/4 S25, T7N, R5W, MD			Nov. 1 - Nov. 30 \geq 0.25 cfs Dec. 1 - Feb. 28 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
	24327	03-27-79		Deux Rivières Vineyards	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E06-E0-28	Conn Creek 24309	NW1/4 of NE1/4 S23, T7N, R5W, MD 01-08-81	---	---	Nov. 1 - Nov. 30 \geq 0.25 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs Frost protection: Mar. 15 - May 15 \geq 2 cfs or n.f. where flow is less than above
E06-E0-29	Napa River 24332	NW1/4 of NW1/4 S9, T8N, R6W, MD 10-27-76	---	Tomagni, Walter Emil	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
E06-E0-30	Napa River 24292	NW1/4 of NE1/4 S23, T8N, R6W, MD 09-16-80	---	Napa Valley Vineyard Co.	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
E06-E0-31	Napa River 24442	SE1/4 of SE1/4 S6, T6N, R4W, MD 04-13-77	---	Robert Mondavi Vineyards	Oct. 1 - Oct. 31 \geq 3 cfs Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 1 \geq 10 cfs or n.f. where flow is less than above
E06-E0-32	Napa River 24307	SW1/4 of NW1/4 S9, T6N, R4W, MD 01-12-79	---	Rigi Vineyards	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E06.E0-33	Napa River 24072	NE1/4 of SE1/4 S16, T6N, R4W, MD 10-27-75	---	--- Monticello Vineyards	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Jan 31 \geq 15 cfs or n.f. where flow is less than above
E06.E0-34	Dry Creek 24277A&B	SW1/4 of NW1/4 S17, T6N, R4W, MD 08-21-80	---	--- B & B Vineyards	Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs or n.f. where flow is less than above Frost protection: Mar. 15 - Apr. 30 \geq 5 cfs or n.f.
E06.E0-35	Napa River 24358	NE1/4 of NE1/4 S21, T6N, R4W, MD 01-02-78	---	--- Williams, Maxine	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
E06.E0-36	Napa River 24285	NW1/4 of SE1/4 S22, T6N, R4W, MD 11-12-74	---	--- Pannonia Vineyards	Dec. 1 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
E06.E0-37	Hutchins Creek 24395	SW1/4 of NW1/4 S6, T4N, R4W, MD 03-22-79	---	--- Beaulieu Vineyards	Nov. 1 - Nov. 30 \geq 2 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
E06.E0-38	Milkken Creek 24125	NE1/4 of SW1/4 S35, T6N, R4W, MD 03-08-73	---	--- Rigi Vineyards	Dec. 1 - Feb. 29 \geq 7 cfs Mar. 1 - May 31 \geq 2 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number					Water Rights Applicant	
E06.E0-39	Unnamed Trlb. to Napa River		NE1/4 of NE1/4 S32, T7N, R4W, MD			Dec. 1 - Feb. 29 \geq 3 cfs or n.f. where flow is less than above
	24124		09-06-72		Stags Leap Associates	
	L11154					
E06.E0-40	Redwood Creek		NE1/4 of SW1/4 S31, T6N, R4W, MD			Jan. 1 - Feb. 29 \geq 7 cfs Mar. 1 - Apr. 15 \geq 5 cfs or n.f. where flow is less than above
	24076		02-06-78		Hendry, George Orr	
E06.E0-41	Pickle Canyon		NW1/4 of SE1/4 S16, T6N, R5W, MD			Nov. 1 - May 1 \geq 0.5 cfs or n.f. where flow is less than above
	24348		07-08-76		Baxter, A. W.	
E06.E0-42	Napa River		SW1/4 of NE1/4 S31, T7N, R4W, MD			Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. whenever flow is less than above
	25447		12-15-79		Preferred Vineyards Properties	
E06.E0-43	Tulucey Creek		SW1/4 of SW1/4 S12, T5N, R4W, MD			Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - May 31 \geq 2 cfs June 1 - Nov. 30 \geq .1 cfs or n.f. whenever flow is less than above
	25455		03-08-79		Paul T. Lewis	
E06.E0-44	Redwood Creek		NW1/4 of NW1/4 S31, T6N, R4W, MD			Mar. 1 - Apr. 30 \geq 3 cfs May 1 - May 31 \geq 1 cfs or n.f. whenever flow is less than above, until the Redwood Creek Dam Project is complete
	22835		06-26-67		Robert P. Halney	
	L10198					

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E06.E0-45	Napa River 23791	SW1/4 of NE1/4 S26, T9N, R7N, MD 03-21-73	---	---	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10.0 cfs or the n.f., whenever flow is less than above, at the point of diversion
E06.E0-46	Bale Slough 23930 L11104	SW1/4 of NE1/4 S8, T7N, R5W, MD 01-05-73	---	--- Roy Chavez, George Chavez and Mabel Leeds	Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - Mar. 15 > 10 cfs or n.f. whenever flow is less than above
E06.E0-47	Napa River 22095 L09702	SE1/4 of NE1/4 S9, T7N, R5W, MD 04-06-65	---	--- Emmalo, Alba & Franks	At all times > 5 cfs or n.f. whenever flow is less than above, past the point of diversion
E06.E0-48	Napa River 23987	SE1/4 of SE1/4 S9, T7N, R5W, MD 02-27-73	---	--- Hills Vineyards	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15.0 cfs Mar. 1 - May 31 > 10 cfs or the n.f., whenever flow is less than above, at the point of diversion
E06.E0-49	Conn Creek 25833A	SW1/4 of SW1/4 S11, T7N, R5W, MD 09-26-78	--	--- W. Andrew Beckstoffer	Bypass from Nov. 1 - Feb. 29 > 10 cfs Mar. 1 - May 15 > 3 cfs or n.f. whichever less

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
E06.E0-50	Napa River 23528	SM1/4 of NM1/4 S15, T7N, R5W, MD	01-05-73	---	---	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or n.f., whenever flow is less than above, at the point of diversion
E06.E0-51	Bear Canyon Creek 25186	SE1/4 of SM1/4 S17, T7N, R5W, MD	10-26-76	---	Francis Ford Coppola and Eleanor Nell Coppola	Bypass from Nov. 1 - Nov. 30 $>$.5 cfs Dec. 1 - Feb. 29 $>$ 7.5 cfs Mar. 1 - May 15 \geq 2.3 cfs or n.f., whichever less
E06.E0-52	Napa River 25485A	NE1/4 of SE1/4 S22, T7N, R5W, MD	08-22-77	---	Heublein, Inc.	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f., whenever flow is less at point of diversion
E06.E0-53	Napa River 24043	SM1/4 of SM1/4 S23, T7N, R5W, MD	03-19-73	---	Jesse E. Stanton	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 31 \geq 10 cfs or n.f., whenever less than above
E06.E0-54	Napa River 23984	SM1/4 of SE1/4 S25, T7N, R5W, MD	02-02-73	---	Los Ninos Vineyards	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or n.f., whenever flow is less than above, at the point of diversion
E06.E0-55	Napa River	NE1/4 of NM1/4 S26, T7N, R5W, MD			---	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
E06.E0-56	Napa River 24022	SE1/4 of NW1/4 S31, T7N, R4W, MD 03-05-73		John & Diane Traina	Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs or n.f. whenever flow is less than above
E06.E0-57	Napa River 22841 L10033	SW1/4 of NE1/4 S31, T7N, R4W, MD 03-30-67		Vernon A. Mathison	May 1 - May 31 > 10 cfs or the n.f. whenever flow is less than above, at the point of diversion
E06.E0-58	Carneros Creek 25293	SE1/4 of SW1/4 S33, T5N, R4W, MD 03-14-77		Chardonnay Vineyards, Ltd.	Bypass from Nov. 1 - Nov. 30 > 2.5 cfs Dec. 1 - Feb. 29 > 10 cfs Mar. 1 - May 15 > 2.5 cfs or n.f. whichever less
E06.E0-59	Carneros Creek 24345A	SW1/4 of NE1/4 S19, T5N, R4W, MD 04-05-73		Beaulieu Vineyards	Bypass from Nov. 1 - Nov. 30 > 2.5 cfs Dec. 1 - Feb. 29 > 10 cfs Mar. 1 - May 15 > 2.5 cfs or n.f. whichever less
E06.E0-60	Carneros Creek 25294A	NE1/4 of SW1/4 S19, T5N, R4W, MD 03-14-77		Carneros Vineyards, Ltd.	Bypass from Nov. 1 - Nov. 30 > 2.5 cfs Dec. 1 - Feb. 29 > 10 cfs Mar. 1 - May 15 > 2.5 cfs or n.f. whichever less
E06.E0-61	Carneros Creek 20357	NW1/4 of NW1/4 S30, T5N, R4W, MD 04-18-62		Rene di Rosa	Jan. 1 - May 1 > 1 cfs or the n.f. whenever flow is less than above, at the point of diversion

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E06.E0-62	Napa River 22949 L10745	SE1/4 of SE1/4 S23, T8N, R6W, MD 11-16-67	---	---	Jun. 1 - Nov. 15 \geq 0.2 cfs or the n.f., whenever flow is less than above, at the point of diversion
E06.E0-63	MILL Creek 24129	NW1/4 of SW1/4 S14, T8N, R6W, MD 03-05-73	---	Victor E. Cole	Nov. 1 - Nov. 14 \geq 0.5 cfs Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - May 15 \geq 2 cfs or the n.f., whenever flow is less than above, at the point of diversion
E06.E0-64	Napa River 23866	NE1/4 of NE1/4 S25, T8N, R6W, MD 03-06-73	---	Pool Mgmt. Ltd.	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or n.f., whenever flow is less than above
E06.E0-65	Napa River 23897	SE1/4 of SE1/4 S10, T8N, R6W, MD 01-05-73	---	Kenneth G. Wolfe	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f., whenever flow is less than above, at the point of diversion
E05.E0-66	Napa River 18144 L7368	NW1/4 of NW1/4 S9, T8N, R6W, MD 05-21-58	---	Tanagnl, Waller E. Sr.	Apr. 15 - Jun. 1 \geq 10 cfs or n.f., whenever flow is less than above at point of diversion

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
E06-E0-67	Napa River		NM1/4 of SE1/4 S31, T7N, R4W, MD		Water Rights Applicant	At all times bypass \geq 10 cfs
	23308		07-09-69			
	L1113				Lillian Disney Truysens	
E06-E0-68	Napa River		NM1/4 of SM1/4 S15, T7N, R5W, MD			Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion
	23774		01-05-73		Curtis Ranches	
E06-E0-69	Napa River		SE1/4 of SE1/4 S6, T6N, R4W, MD SM1/4 of NM1/4 S8, T6N, R4W, MD			Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15.0 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion
	23511		01-11-73		Robert Mondavi Vineyards, Inc.	
E06-E0-70	Dry Creek		NM1/4 of NE1/4 S17, T6N, R4W, MD			Oct. 15 - Oct. 31 \geq 1 cfs Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs or the n.f. whenever flow is less than above at the point of diversion
	23333		10-31-78		E. E. Trefethen, Jr.	
E06-E0-71	Dry Creek		NM1/4 of NE1/4 S17, T6N, R4W, MD			Apr. 15 - May 31 \geq 5 cfs or the n.f. of the stream whenever it is less than above
	18104B		04-24-58		E. E. Trefethen, Jr.	

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	Licens. Number				Water Rights Applicant	
E06.E0-72	(1) Ritchie Creek (2) Napa River 22785	SW1/4 of SW1/4 S10, T8N, R6W, MD NE1/4 of SW1/4 S10, T8N, R6W, MD 01-27-69	---		--- Sterling Vineyards	(1) Dec. 1 - Feb. 28 \geq 7.0 cfs Mar. 1 - Apr. 30 \geq 2.0 cfs whenever flow is less than 2.0 cfs and greater than 0.4 cfs from Mar. 1 - Apr. 30 at point of diversion on Ritchie Creek (2) Dec. 1 - Feb. 28 \geq 15 cfs Mar. 1 - Apr. 30 \geq 10 cfs or the n.f. whenever flow is less than above, at the Napa River diversion
E06.E0-73	Napa River 23932 L11142	SE1/4 of SW1/4 S5, T8N, R6W, MD 12-01-71	---		--- Sterling Vineyards	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or the n.f. whenever flow is less than above
E06.E0-74	Napa River 23986 L11137	NE1/4 of NE1/4 S8, T8N, R6W, MD 02-25-72	---		--- Michael Marsten	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Mar. 1 \geq 15 cfs or the n.f. whenever flow is less than above.
E06.E0-75	Napa River 23934	NE1/4 of NW1/4 S9, T8N, R6W, MD 01-04-73	---		--- Sterling Vineyards	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion

Identity Number	Stream Name	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
E06.E0-76	Napa River Water Rights Application Number License Number	NW1/4 of SW1/4 S36, T9N, R7W, MD 05-18-70	---	---	At all times bypass \geq 5 cfs or the n.f. whenever flow is less than above
				Vince Arroyo	
E06.E0-77	Napa River License Number	NW1/4 of SW1/4 S36, T9N, R7W, MD 10-18-72	---	---	NOV. 1 - NOV. 14 \geq 0.25 cfs NOV. 15 - Feb. 28 \geq 3 cfs Mar. 1 - Mar. 15 \geq 1 cfs or the n.f. whenever flow is less than above
				Napa County Fair Ass.	
E06.E0-78	Unnamed Tr. Ib. to Chiles Creek License Number	SE1/4 of NW1/4 S18, T8N, R4W, MD 05-24-71	---	---	Mar. 1 - May 1 \geq 0.25 cfs or the n.f. whenever flow is less than above at the point of diversion on the unnamed tributary to Chiles Creek.
				Edge Hill Farms, Inc.	
E06.E0-79	Napa River License Number	NE1/4 of NW1/4 S32, T8N, R5W, MD 08-22-74	---	---	Bypass from Mar. 15 - May 15 \geq 10 cfs or n.f. whichever less. Measured at nearest USGS gaging station or device acceptable to board at alternative location designated by the watermaster administering the program
				Mont LaSalle Vineyards	
E06.E0-80	Napa River License Number	NW1/4 of SW1/4 S30, T8N, R5W, MD 02-23-67	---	---	Jun. 1 - Nov. 15 \geq 0.25 cfs or the n.f. whenever flow is less than above, at the point of diversion
				Lewis G. Carpenter, Jr.	
				L10761	

Identity Number	Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
E06-EO-81	Mililiken Creek			SE1/4 of SE1/4 S7, T6N, R3W, MD 04-06-78				As per agreement with DFG when level in Lake is at or below 873 ft bypass 0.5 cfs or n.f. at or above 873 ft bypass 5.0 cfs or n.f.
E06-EO-82	Napa River			NW1/4 of NW1/4 S21, T6N, R4W, MD 06-27-79		George Altamura		Bypass from Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 15 > 10 cfs or n.f. whichever less. Measured at nearest USGS gaging station or device acceptable to board at alternative locations designated by watermaster administering program
E06-EO-83	Napa River			SE1/4 of NE1/4 S16, T7N, R5W, MD 03-06-73		Richard Preston		Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs or n.f. whenever flow is less than above
E06-EO-84	Dry Creek			NE1/4 of NW1/4 S17, T6N, R4W, MD 04-09-71		David Wheatley		Apr. 15 - May 31 > 5 cfs or the n.f. whenever flow is less than above at the point of diversion
E06-EO-85	Napa River			S16, T6N, R4W, MD 03-19-73		Curtis Investments Corp.		Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs or n.f. whenever flow is less than above

Stream Name

Identify Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E06-E0-86	Napa River 23775	NW1/4 of SE1/4 S16, T6N, R4W, MD 01-05-73	---	--- Curtis Ranches	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs or the n.f. whenever flow is less than above, at the point of diversion

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
HYDROLOGIC UNIT - E0700 - SUISUN					
E07-B2-1	Wooden Valley Creek 25812	SE1/4 of NW1/4 S15, T6N, R3W, MD 05-08-79	---	---	Nov. 1 - Mar. 31 \geq 3 cfs Apr. 1 - May 31 \geq 1.5 cfs or n.f. where flow is less than above
E07-B2-2	Suisun Creek 24398	SW1/4 of NW1/4 S31, T6N, R2W, MD 03-12-75	---	---	Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - Apr. 30 \geq 3 cfs May 1 - Jun. 1 \geq 1 cfs or n.f. whenever flow is less than above
E07-B2-3	Suisun Creek 17055 L07339	NW1/4 of NE1/4 S36, T6N, R3W, MD NE1/4 of NE1/4 S36, T6N, R3W, MD 04-20-56	---	---	Jan. 1 - Mar. 31 \geq 3 cfs Apr. 1 - May 1 \geq 1.5 cfs or the n.f. whenever flow is less than above
E07-B2-4	Wooden Valley Creek 22920 L10640	SE1/4 of NE1/4 S26, T6N, R3W, MD 10-06-67	---	Daniel J. McQueeney	Bypass \geq 1 cfs or the n.f. of the stream whenever flow is less than 1 cfs and greater than 0.25 cfs, past the point of diversion
E07-B3-1	Gordon Valley Creek 25770	NW1/4 of SW1/4 S28, T6N, R2W, MD 08-07-79	---	Abruzzini, Alfred L.	Oct. 1 - Aug. 1 \geq 0.5 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - F0000 - NORTH COAST					
HYDROLOGIC UNIT - F0100 - WINGHOOK RIVER					
F01.00-1	Gilbert Creek	S5, T18N, R1W, H 09-23-54	----	Robert H. Stanhurst, Inc.	Apr. 1 - Jun. 30 \geq 150 gal/min or n.f. whenever flow is less than above, at the point of diversion
	13775		----		
	L04122				
F01.00-2	Gilbert Creek	SW1/4 of NE1/4 S5, T18N, R1W, H		Robert Stanhurst, Inc.	Apr. 1 - Jun. 30 \geq 150 gal/min or n.f. whenever it is less than above, at the point of diversion
	19171	01-07-60	----		
	L06878				

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F0300 - SMITH RIVER					
F03-A1-3	Jordan Creek	SE1/4 of NM1/4 S3, T16N, R1W, H	---	---	Jun. 1 - Oct. 1 \geq 1 cfs or n.f. whenever flow is less than above, at the point of diversion
	17811	09-03-57	---	Braun & Helen Ferguson	
	L07719				
F03-A1-4	Smith River	NE1/4 of SM1/4 S30, T17N, R1E, HB	---	---	Bypass \geq 50% of n.f. at all times
	25544	05-24-78	---	James L. Cross, Ruby E. Cross	
F03-A1-5	Peacock Creek	NM1/4 of NE1/4 S31, T17N, R1E, HB	---	---	At all times bypass \geq 0.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
	23003	03-07-68	---	Charles L. Thomerson	
	L10285				
F03-A1-6	Rock Creek	SM1/4 of NM1/4 S4, T16N, R1E, H	---	---	Permittee shall not divert an amount greater than 1,000 gpd or 1/2 the stream flow, whichever is less
	25242	01-10-77	---	Fred M. Ramsey, Jr., Lavon M. Ramsey	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F0500 - KLAMATH RIVER					
F05-A2-1	Wildier Creek	NM1/4 of SM1/4 S7, T11N, R6E, HB	----	----	Oct. 1 - May 31 \geq 1.5 cfs Jun. 1 - Sept. 30 \geq 0.5 cfs or the n.f., whenever flow is less than above, past the point of diversion
	22287A&B	09-06-66	----	Roger & Lonetta Williams, et al	
	L10552				
F05-B3-1	Jessups Gulch	NM1/4 of NE1/4 S32, T40N, R11W, MD	----	----	Oct. 1 - July 31 \geq 0.5 cfs or n.f. where flow is less than above
	24105	10-30-72	----	Bundy, Brian Vance	
F05-B3-2	Big Creek	NE1/4 of NM1/4 S32, T40N, R12W, MD	----	----	Jan. 1 - Jul. 1 \geq 1 cfs or n.f. whenever flow is less than above
	25697	11-13-79	----	Edward W. Kramer	
F05-B4-1	Knownothing Creek	SM1/4 of NM1/4 S29, T10N, R8E, H	----	----	Oct. 1 - Oct. 31 \geq 20 cfs Nov. 1 - May 31 \geq 29 cfs or n.f. where flow is less than above
	25066	04-28-78	----	Sartorius, Kathleen	
F05-C1-1	Unnamed Trib. to Klamath River	SM1/4 of NE1/4 S30, T15N, R7E, H	----	----	Comply with Fish and Game Code Section 5937
	25571	11-16-77	----	Albert C. Allard Wilma Jo Allard	
F05-C3-1	Macks Creek	SE1/4 of NM1/4 S1, T45N, R11W, MD	----	----	May 1 - May 31 \geq 1 cfs June 1 - June 30 \geq 0.5 cfs July 1 - Sept. 30 \geq 0.2 cfs Oct. 1 - Oct. 15 \geq 0.5 cfs or n.f. where flow is less than above
	25790	10-15-79	----	Linfoot, Charles S.	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Water Rights Applicant	Minimum Instream Flows Under Agreement																																													
F05.04-1	Little Humbug Creek	SE1/4 of SE1/4 S13, T46N, R9W, MD	----	----	----	Jan. 1 - Mar. 31 \geq 3 cfs Apr. 1 - May 31 \geq 2 cfs Jun. 1 - Dec. 31 \geq 0.25 cfs or the n.f., whenever flow is less than above, at the point of diversion																																													
F05.06-1	Klamath River	S9, T47N, R9W, MD	2082	Iron Gate Dam	Klamath Highlands Mutual Water Co., Inc.	Aug. 1 - Aug. 31 1000 cfs Sept. 1 - Apr. 30 1300 cfs May 1 - May 31 1000 cfs June 1 - July 31 710 cfs																																													
F05.02-1	Scott River Riparian	T43, R9W, MD 00-00-78	----	----	----	<table border="1"> <thead> <tr> <th>Month</th> <th>#1 (cfs)</th> <th>#2 (cfs)</th> </tr> </thead> <tbody> <tr> <td>Jan.</td> <td>200</td> <td>226</td> </tr> <tr> <td>Feb.</td> <td>200</td> <td>226</td> </tr> <tr> <td>Mar.</td> <td>200</td> <td>276</td> </tr> <tr> <td>Apr.</td> <td>150</td> <td>276</td> </tr> <tr> <td>May</td> <td>150</td> <td>276</td> </tr> <tr> <td>June 1-15</td> <td>150</td> <td>134</td> </tr> <tr> <td>June 16-30</td> <td>100</td> <td>184</td> </tr> <tr> <td>July 1-15</td> <td>60</td> <td>132</td> </tr> <tr> <td>July 16-31</td> <td>40</td> <td>152</td> </tr> <tr> <td>Aug.</td> <td>30</td> <td>47</td> </tr> <tr> <td>Sept.</td> <td>30</td> <td>32</td> </tr> <tr> <td>Oct.</td> <td>40</td> <td>96</td> </tr> <tr> <td>Nov.</td> <td>200</td> <td>158</td> </tr> <tr> <td>Dec.</td> <td>200</td> <td>226</td> </tr> </tbody> </table>	Month	#1 (cfs)	#2 (cfs)	Jan.	200	226	Feb.	200	226	Mar.	200	276	Apr.	150	276	May	150	276	June 1-15	150	134	June 16-30	100	184	July 1-15	60	132	July 16-31	40	152	Aug.	30	47	Sept.	30	32	Oct.	40	96	Nov.	200	158	Dec.	200	226
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#1 = correlative with riparian and direct diversion rights.

#2 = superior to dominant riparian rights and new appropriate rights.

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
F05-D2-2	Willcoat Creek 24375	NE1/4 of SW1/4 S17, T40N, R8W, MD	08-26-74	----	----	June 1 - July 1 > 3 cfs or n.f. where flow is less than above
F05-D2-3	Scott River 17997 L07104	NE1/4 of SE1/4 S3, T43N, R9W, MD	02-11-58	----	Scott Valley Irrigation District	Apr. 15 - Oct. 1 > 5 cfs or the n.f., whenever flow is less than above, at the point of diversion
F05-E0-1	Schulmeier Gulch 24200	NE1/4 of NE1/4 S27, T44N, R7W, MD SE1/4 of NW1/4 S27, T44N, R7W, MD 10-05-72	----	----	Siskiyou Co. Sportsmen's	Mar. 1 - Oct. 31 each year release a minimum flow of 1 GPM from the domestic collection gallery located between two reservoirs into the unnamed stream. If no water is available from domestic system collection gallery all flows entering reservoirs shall be bypassed.
F05-H2-1	Butte Creek 23025 L10776	SW1/4 of NE1/4 S10, T44N, R1W, MD	04-10-68	----	Butte Valley Irrigation District	At all times bypass 10 cfs or the n.f. whichever is less, pass the point of diversion.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
F06.A1-1	Campbell Creek	S6, T7N, R5E, H			2.5 cfs
	Riparian	05-15-81		Bureau of Indian Affairs	
F06.A2-1	Trinity River	S28, T7N, R5E, H			Jan. 1 - Dec. 31 > 500 gal/day
	24127	02-24-75		Roy Donald McIntosh	
	L10868				
F06.A2-2	Kirkham Creek	SM1/4 of NW1/4 S17, T7N, R5E, H			Comply with Fish and Game Code Section 5937
	26479	07-29-80		Clarence T. Knight and June F. Knight	
F06.A3-1	Hennessy Creek	NE1/4 of SW1/4 S10, T5N, R6E, H			Apr. 1 - Apr. 30 > 0.50 cfs May 1 - May 31 > 0.30 cfs June 1 - June 30 > 0.20 cfs July 1 - July 31 > 0.15 cfs Aug. 1 - Sept. 30 > 0.10 cfs Oct. 1 - Oct. 20 > 0.20 cfs or n.f. where flow is less than above
	25307	11-08-78		Wilfse, Harold J.	
F06.A3-2	McDonald Creek	SW1/4 of SW1/4 S10, T5N, R6E, H			Jan. 1 - Dec. 31 > 75/gal./min. or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24689	05-15-79		Bushow, Ted	

HYDROLOGIC UNIT - F0600 - TRINITY RIVER

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F06-A3-3	McDonald Creek	SW1/4 of NW1/4 S15, T5N, R6E, H		---	Jan. 1 - Dec. 31 > 75 gal./min. or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24837	10-31-78	---	Mock, Rick A.	
F06-A3-4	McDonald Creek	SW1/4 of NW1/4 S15, T5N, R6E, H		---	Jun. 1 - Dec. 31 ≥ 75 gal./min. or n.f. whenever flow is less than above.
	24911	11-09-78	---	Harry Jensky	
F06-A3-5	McDonald Creek	SE1/4 of SW1/4 S15, T5N, R6E, H		---	Comply with Fish and Game Code Section 5937
	26401	06-05-80	---	Grover C. Jones & Eleanor M. Jones	
F06-A3-6	Pr Ice Creek	SW1/4 of SW1/4 S5, T33N, R12W, MD		---	At all times bypass ≥ 0.5 cfs or the n.f., whenever flow is less than above, at the point of diversions
	13206	07-05-79	---	Richard R. Kennedy and Robert M.	
	L06038				
F06-A5-1	N. F. Trinity	NW1/4 of NW1/4 S29, T34N, R11W, MD		---	In order to provide drinking water and maintain riparian habitat for wildlife permittee shall divert water as needed from an open drinking trough at source spring.
	24839	07-17-75	---	Ira A. Parks Evelyn C. Parks	
F06-A5-2	Connor Creek	NE1/4 of NW1/4 S2, T33N, R11W, MD		---	Jun. 1 to Oct. 31 0.5 cfs or n.f. Nov. 1 to May 31 1.5 cfs or n.f.
	23079	07-02-78	---	Ted Brammer Glenn & Yvonne Legge	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F06.A5-3	Connor Creek 20866 L08396	NE1/4 of NW1/4 S2, T33N, R11W, MD 07-23-62	---	---	Jun. 1 - Oct. 31 > 0.5 cfs Nov. 1 - May 31 > 1.5 cfs or the n.f., whenever flow is less than above, past the point of diversion
F06.A5-4	Connor Creek 23314 L10894	NW1/4 of NE1/4 S2, T33N, R11W, MD 07-17-59	---	Thomas Popyak Jack L. Stewart, Robert Stewart, William Stewart	Jun. 1 - Oct. 31 > 0.5 cfs Nov. 1 - May 31 > 1.5 cfs or the n.f., whenever the flow is less than above, past the point of diversion
F06.A5-5	Canyon Creek 23612 L10279 23613 L10280 23614 L10281 23617 L10282 23620 L10283	NW1/4 of SW1/4 S30, T35N, R10W, MD ---	---	Russel Fillmore John Keef James Cardwell Erceel Harle Harlon Thomas	At all times bypass 1/2 the natural flows of the stream past the point of diversion

Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
F06-A5-6	Soldier Creek	SE1/4 of NE1/4 S30, T33N, R10W, MD		---	Dec. 1 - Jan. 31 \geq 3 cfs Feb. 1 - Mar. 31 \geq 5 cfs Apr. - May 31 \geq 3 cfs Jun. 1 - Jun. 30 \geq 1.5 cfs Jul. 1 - Oct. 31 \geq 0.25 cfs Nov. 1 - Nov. 30 \geq 1.5 cfs or the n.f. for all periods whenever flow is less than above for that period
	16750	11-28-55	---	Jay M. Garner	
	L1107:				
F06-B2-1	Olsen Creek	SE1/4 of NW1/4 S13, T3N, R6E, H		---	Permittee shall construct a spring box and overflow facility which will assure a water supply for wildlife and grazing animals.
	24670	08-16-74	---	David M. Mandez	
F06-B3-1	S. F. Trinity River	NW1/4 of SW1/4 S29, T1S, T8E, H		---	Bypass \geq 1 cfs at all times or n.f. whenever flow is less than above at the point of diversion
	11407	07-27-51	---	Lena Randolph	
	03487				
F06-B5-1	Phillip Creek	SW1/4 of NE1/4 S11, T30N, R12W, MD		---	May 1 - May 31 \geq 250 gal./min. June 1 - June 30 \geq 50 gal./min. July 1 - Sept. 30 \geq 25 gal./min. Oct. 1 - Oct. 31 \geq 50 gal./min. or n.f. where flow is less than above
	24989	06-22-78	---	Bower, Joseph	

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date		Water Rights Applicant	
F06-B5-2		NE 1/4 of NE 1/4 S11, T30N, R12W, MD			Permittee shall construct and maintain a seepage and open container at the site of diversion. Container shall have capacity of 25 gallons and seepage must maintain flow of 15 GPD. Container shall be set in the ground and equipped with a simple spillway to provide water and riparian habitat for wildlife.
	24675	08-20-74		E. G. Smith	
F06-B5-3		SE 1/4 of SW 1/4 S28, T31N, R10W, MD			Bypass at point of diversion ≥ 1 cfs or the n.f., whenever flow is less than above
	22831	06-23-67		Harold W. Jackson	
	L10298				
F06-B5-4		NE 1/4 of NW 1/4 S31, T32N, R12W, MD			May 1 - Oct. 1 > 1.5 cfs or n.f. whenever flow is less than above, at the point of diversion
	21364	06-26-63		Erna Katherine Laffranchini	
	L08797				
F06-B5-5		SW 1/4 of SE 1/4 S30, T32N, R11W, MD			Nov. 1 - Jun. 30 > 15 cfs or the n.f. whenever flow is less than above, at the point of diversion
	22331	07-11-67		Trinity County WW, District 1	
F06-C1-1		S6, T33N, R8W, MD		Lewiston Dam	Oct. 200 cfs Nov. 250 cfs Dec. 200 cfs Jan. - Sept. 150 cfs or n.f. Recommended schedule per 19.
	16768	03-27-59		U.S.B.R.	

Revised

Identity Number	Stream Name	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F06.C1-2	Grass Valley Creek	NE1/4 of NW1/4 S22 T32N, R8W, MD	---	---	Diversion only when flow is ≥ 5 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F06.C2-1	Weaver Creek	NE1/4 of SW1/4 S18, T33N, R9W, MD	---	Department of Water Resources	May 1 - May 31 ≥ 15 cfs June 1 - June 30 ≥ 10 cfs July 1 - July 31 ≥ 2 cfs Aug. 1 - Sept. 30 ≥ 1 cfs or n.f. where flow is less than above
F06.C2-2	West Weaver Creek	NE1/4 of SW1/4 S12, T33N, R10W, MD	---	E. M. & Neva L. Jackson	Apr. 15 - Oct. 15 ≥ 1 cfs or n.f. where flow is less than above
F06.C2-3	West Weaver Creek	NW1/4 of NW1/4 S2, T33N, R10W, MD	---	---	At all times ≥ 1.0 cfs or the n.f., whenever flow is less than above, at the point of diversion
F06.D0-1	Little Boulder Creek	NW1/4 of NE1/4 S11, T37N, R8W, MD	---	Weaverville Community Services District	Nov. 1 - Apr. 30 ≥ 0.5 cfs or n.f. where flow is less than above
F06.D0-2	Swift Creek	NW1/4 of SW1/4 S18, T36N, R7W, MD	---	Ball, May F.	Nov. 1 - Jun. 15 ≥ 6 cfs Jun. 16 - Oct. 31 ≥ 2 cfs or the n.f. whenever flow is less than above below the point of diversion
	21607	10-22-64	---	Tr-Inity Center Mutual Water Co.	
	21608			Mary Scott Hamilton,	
	L10870			Lynton Scott, et al	

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date		Water Rights Applicant	
F06.D0-3	Davis Creek 20469 L084B4	NE1/4 of NE1/4 S4, T35N, R6W, MD 11-06-61	---	---	Jul. 1 - Sept. 30 \geq 1 cfs Oct. 1 - Nov. 30 \geq 2.5 cfs Dec. 1 - Jun. 30 \geq 5 cfs or the n.f. whenever flow is less than above, at the point of diversion
F06.D0-4	Battle Creek 11122 L03A2	SE1/4 of NE1/4 S2, T37N, R9W, MD 04-29-71	---	---	Bypass \geq 1 cfs at all times or n.f. whenever flow is less than above at the point of diversion

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F0800 - TRINIDAD					
F08.B0-1	Little River 23973	SW1/4 of SE1/4 S36, T8N, R1E, H 07-17-72	---	---	May 1 - Nov. 1 <u>3</u> cfs or n.f. where flow is less than above
F08.B0-2	Lurtenholtz Creek 24759	NE1/4 of SW1/4 S30, T8N, R1E, H 04-14-78	---	Trinidad, City of	Minimum flow 0.25 cfs except when natural flow is < 0.85 cfs, diversion will be < 0.15 cfs or n.f. where flow is less than above

Stream Name

Water Rights
Application Number
License NumberLocation
Agreement
DateFERC Project
NumberDiversion Name
Water Rights ApplicantMinimum Instream Flows
Under Agreement

HYDROLOGIC UNIT - FOXCO - MAD RIVER

F09-A0-1	Pattick Creek	SE1/4 of NE1/4 S18, T7N, R1E, H	---	---	---	At all times bypass <u>0.5</u> cfs or the n.f. whenever flow is less than above, at the point of diversion
	14519	10-15-51	----	Edward Charles Bott		
	L04563					
F09-A0-2	Mad River	S15, T6N, R1E, H	---	---	---	Oct. 1 - Oct. 15 30 cfs or n.f. Oct. 16 - Oct. 31 50 cfs or n.f. Nov. 1 - Jun. 30 75 cfs or n.f. Aug. 1 - Aug. 31 40 cfs or n.f. Sept. 1 - Sept. 30 30 cfs or n.f.
	16454	----	----	Humboldt Bay MMD Essex Diversion		
F09-D0-1	Mad River	S19, T1S, R7E, H	---	Mathews Dam	---	At all times 5 cfs min. bypass.
	17291	06-17-58	3430	Humboldt Bay M.W.D.		
F10-D0-1	Elk River	NE1/4 of NE1/4 S27, T4N, R1W, H	---	---	---	At all times bypass <u>1</u> cfs or the n.f. whenever flow is less than above at the point of diversion
	17536	04-02-57	----	Richard Billington		
	L06798					
F10-D0-2	Jacoby Creek	SE1/4 of SW1/4 S4, T5N, R1E, H	---	---	---	At all times bypass <u>1</u> cfs, to be measured by a staff gage, with the said measuring device to be properly maintained
	23837	08-09-71	----	Atopak Development Corp.		
	L10807					

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F1100 - EEL RIVER					
F11-A1-1	Strong's Creek 24954	NW1/4 of SE1/4 S35, T3N, R1W, H 11-01-77	---	---	May 1 - Sept. 30 > 0.20 cfs or n.f. where flow is less than above
F11-A1-2	Pr Ice Creek 15444 L05429	NE1/4 of SW1/4 S27, T2N, R1W, H 08-03-53	---	Robert E. Renner	At all times bypass \geq 0.5 cfs or n.f. whenever flow is less than above, at point of diversion
F11-C2-1	Grapewine Creek 25138	NE1/4 of SE1/4 S28, T23N, R15W, MD 07-09-80	---	Robertson, F. & Royce	Nov. 1 - Nov. 31 > 0.5 cfs Dec. 1 - Mar. 31 \geq the capacity of the 8 inch siphon pipe Apr. 1 - Oct. 31 bypass the flow entering the reservoir
F11-C2-2	East Branch of South Fork Eel River 14691 L05082	NW corner of Lot 6, S4, T5S, R4E, MD 02-28-92	---	Hulse-Kinsey Trust	At all times bypass \geq 1 cfs or the n.f. whenever flow is less than above, at the point of diversion
F11-C2-3	Sprout Creek 26323	NE1/4 of SE1/4 S34, T4S, R3E, H 05-08-80	---	Garberville Rotary Club	Comply with Fish and Game Code Section 5937

Identity Number	Water Right Application Number Licence Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F11-C3-1	Tennille Creek 26255	NE1/4 of NW1/4 S55, T22N, R15W, MD 03-14-80	-----	----- Lorraine R. Woodruff	Bypass from May 1 - May 31 > 5 cfs Jun. 1 - Jun. 30 > 3 cfs Jul. 1 - Oct. 31 > 1 cfs or n.f., whichever is less
F11-C3-2	Cahoto Creek 17809 L0693E	SW1/4 of NW1/4 S13, T21N, R15W, MD 08-30-87	-----	----- Craig Weaver	At all times bypass > 1.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
F11-C3-3	Mud Springs Creek 18702 L09916	SW1/4 of SW1/4 S3, T21N, R15W, MD 05-12-79	-----	----- Cloverdale Redwood, partnership	Jun. 1 - Oct. 30 > 0.5 cfs Nov. 21 - May 31 > 5 cfs or n.f., whenever flow is less than above at the point of diversion
F11-F1-1	Willits Creek 23038	S2, T18N, R14W, MD 02-28-74	-----	----- Brooktrails Resort Imp. Dist.	Sept. - Mar. 15 cfs Apr. 10 cfs May - June 1+5 cfs July - Aug. .5 cfs or n.f.
F11-F1-2	Outlet Creek 11966 L03805	S19, T18N, R13W, MD 08-17-53	-----	----- Phillip Colli	Bypass > 50 gal./min. or n.f. whenever flow is less than above, at the point of diversion

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
F11-F1-3	James Creek	25666	S33, T18N, R13W, MD 10-04-79	---	PGandE	---	If storage of water authorized is on a stream naturally inhabited by fish, permittee shall accord to the public, for the purpose of fishing, reasonable access to the waters impounded by Morris Dam.
F11-F1-4	Devils Creek	18677 L09487	SW1/4 of NE1/4 S28, T18N, R13W, MD 04-29-59	---	William Bartow	---	May 1 - May 31 > 1 cfs or n.f. whenever flow is less than above at the point of diversion
F11-F3-1	Eel River	6594 L05545	S14, T18N, R10W, MD 00-00-79	77	Scott Dam PGandE	---	Interim Flow Schedule Water Yr. Dry ² / Critical ³ / Normal 2 3 (cfs) (cfs) (cfs) Dec. 1-May 31 100 40 20 Jun. 1-Nov. 30 60 40 20

2/ See below F11-F3-2 Cape Horn Dam
3/ See below F11-F3-2 Cape Horn Dam

Water Rights
Application Number

Location

Diversions Name

License Number

FERC Project
Number

Water Rights Applicant

Minimum Instream Flows
Under Agreement

F11-F3-2 Eel River S30, T18N, R11W, MO Cape Horn Dam (Van Arsdale Dam)

6594 00-00-79 77

PGandE

Interim Flow Schedule		
Water Yr.	Dry2/	Critical3/
Normal	2	3
(cfs)	(cfs)	(cfs)
Nov. 1	12-100	8
Dec. 4	12-100	8-60
Jan. 4	100	8-60
Feb. 4	100	60
Mar. 1-15	200	60
Mar. 16-31	200-150	60
Apr 1 5	150-100	60
May 5	100-12	60-8
June	12	8
July	12	8
Aug. st	12	8
Sept.	12	8
Oct.	12	8

L05545

2/ Dry year conditions are defined to exist when cumulative inflow to Lake Pillsbury beginning October 1 of each year is less than:

6,200 AF as of December 1
 21,300 AF as of January 1
 41,100 AF as of February 1
 74,100 AF as of March 1
 114,500 AF as of April 1
 145,600 AF as of May 1
 160,000 AF as of June 1

Inflow greater than the above will constitute a "normal" year.

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F11-F3-2 (Continued)					
F11-02-1	Town Creek 18136 L07347	SE1/4 of NW1/4 S2, T22N, R13W, MD 05-12-58	-----	----- Richard Alderson	3/ Critical year conditions are defined to exist when cumulative inflow to Lake Pillsbury beginning October 1 of each year is less than: 20,000 AF as of February 1 40,000 AF as of March 1 45,000 AF as of April 1 50,000 AF as of May 1
F12-00-1	Telegraph Creek 23708	NW1/4 of NW1/4 S10, T5S, R1E, HB 04-21-72	-----	----- Humboldt Resort Improvement District #1	At all times bypass \geq 0.8 cfs or the n.f., whenever flow is less than above

HYDROLOGIC UNIT - F1200 - CAPE MENDOCINO

Identity Number	Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
License Number	Agreement Date	FERC Project Number	Water Rights Applicant			
HYDROLOGIC UNIT - F1300 - MENDOCINO COAST						
F13-A3-1	Tennille River		Movable point of diversion between limits as follows: SM1/4 of SM1/4 S35, T20N, R17W, MD NM1/4 of NM1/4 S3, T19N, R17W, MD 10-22-54		Henry R. Smith	At all times bypass ≥ 7 cfs or the n.f., whenever flow is less than above, at the point of diversion
F13-A3-2	S. F. Tennille River		SE1/4 of NE1/4, S10, T19N, R17W, MD SM1/4 of NM1/4, S3, T19N, R17W, MD 10-22-54		Henry R. Smith	At all times bypass ≥ 1 cfs or n.f., whenever flow is less than above, at the point of diversion
F13-B0-1	Novo River		SE1/4 of NE1/4 S9, T18N, R17W, MD 05-27-58		City of Fort Bragg	Oct. 1 - May 31 ≥ 10 cfs June 1 - Sept. 30 ≥ 3 cfs or the n.f., whenever flow is less than above, below the point of diversion into the streambed.
F13-C0-1	Slaughterhouse Gulch		SE1/4 of SE1/4 S19, T17N, R17W, MD 02-27-80		Coast Associates, a partnership	Bypass from Jan. 1 - Dec. 31 ≥ 5 gal./min. or n.f., whichever less
F13-D0-1	Marsh Creek		NM1/4 of SM1/4 S18, T16N, R15W, MD 06-23-80		Richard B. Wells	Dec. 1 - Mar. 31 ≥ 5 cfs or n.f. Pay to the D.F. \$66. each year for the rearing and planting of 1,200 yearling steelhead, at a size of approx. six to ten fish per pound, in Marsh Creek.

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F13.E0-1	Anderson Creek 24492	NE1/4 of NW1/4 S2, T13N, R14W, MD 01-09-78	----	----	Mar. 1 - May 31 \geq 0.5 cfs or n.f. where flow is less than above
F13.E0-2	Robinson Creek 24576	SW1/4 of SE1/4 S2, T13N, R14W, MD 02-06-79	----	Johnson, Floyd	Dec. 1 - Feb. 29 \geq 25 cfs Mar. 1 - May 31 \geq 10 cfs June 1 - Aug. 30 \geq 2 cfs or n.f. where flow is less than above
F13.E0-3	Navarro River 24925, 24526	SE1/4 of SE1/4 S11, T14N, R15W, MD 12-17-74	----	Gowan, James C.	May 1 - May 30 \geq 20 cfs June - Nov. 1 \geq 8 cfs or n.f. where flow is less than above
F13.E0-4	Lazy Creek 24943	SE1/4 of SW1/4 S35, T15N, R15W, MD 10-04-79	----	Anderson Valley Vineyards	Nov. 1 - May 31 \geq 0.25 cfs June 1 - June 30 \geq 0.10 cfs or n.f. where flow is less than above
F13.E0-5	Lazy Creek 25060, 25061	SW1/4 of NE1/4 S2, T14N, R15W, MD NE1/4 of NW1/4 S2, T14N, R15W, MD 06-19-79	----	Oswald, Hugo A.	Nov. 1 - Mar. 31 \geq 0.25 cfs Apr. 1 - Aug. 30 \geq 0.1 cfs or n.f. where flow is less than above
F13.E0-6	Anderson Creek 24323	NE1/4 of NW1/4 S2, T13N, R14W, MD 09-09-78	----	B. J. Carney & Co.	Mar. 1 - May 31 \geq 0.5 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F13.E0-7	Navarro River	NM1/4 of SE1/4 S3, T14N, R15W, MD 08-28-68	---	---	Mar. 1 - May 30 > 20 cfs June 1 - Sept. 30 > 8 cfs or the n.f., whenever flow is less than above, past the point of diversion
	23120			Hugo S., Jr. and Beatrice S. Oswald	
	L10324				
F13.E0-8	Navarro River	SE1/4 of SE1/4 S11, T14N, R15W, MD 09-20-79	---	---	Apr. 1 - June 1 > 20 cfs or n.f. whenever flow is less than above
	24526			James C. Gowan	
F13.E0-11	Navarro River	SM1/4 of NM1/4 S11, T14N, R15W, MD 03-17-68	---	---	May 15 - May 31 > 20 cfs June 1 - Oct. 15 > 8 cfs or n.f., whenever flow is less than above at the point of diversion
	18052			Ed Meade, Inc. Oliver W. Winkler	
	L07284				
F13.E0-12	Indian Creek	NM1/4 of NM1/4 S20, T14N, R14W, MD 04-24-63	---	---	At all times release > 2 cfs or the n.f., whenever flow is less than above past the point of diversion
	21256			John W. Peterson	
	L09420				
F13.E0-13	M111 Creek	SM1/4 of SM1/4 S34, T15N, R15W, MD 05-12-66	---	---	At all times bypass > 0.25 cfs from June 1 - Nov. 1 or then n.f., whenever flow is less than above, below the point of diversion into the natural stream channel
	22463			John R. Dach	
	L09573				

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F13-E0-14	Rancheria Creek 22870 L10565	NW1/4 of NW1/4 S13, T12N, R13W, MD 08-02-67	----	---- Fred B. Galbreath	Bypass all water flow in excess of 0.89 cfs from Apr. 1 to Oct. 31 of each year, at the site of diversion
F13-E0-15	Lazy Creek 24868A	SW1/4 of SW1/4 S35, T15N, R15W, MD 02-20-80	----	---- Johann J. Kobler	Nov. 1 - June 1 \geq 3 gal./min. or n.f., whenever flow is less than above
F13-F3-1	Melillo Pass Creek 24364	SW1/4 of NW1/4 S31, T14N, R16W, MD 02-27-74	----	---- Moore Associates	Nov. 15 - Feb. 29 $>$ 10 cfs Mar. 1 - May 31 \geq 3 cfs or n.f. where flow is less than above
F13-H1-1	N. F. of Gualala River 21883	NE1/4 of NW1/4 S23, T11N, R15W, MD 12-13-78	----	---- North Gualala Water Company	Nov. 15 - Feb. 29 $>$ 40 cfs Mar. 1 - May 31 \geq 20 cfs June 1 - Nov. 14 \geq 4 cfs or n.f. whenever flow is less than above
F13-H5-1	S. F. of Gualala River 22377	NW1/4 of NE1/4 S21, T10N, R14W, MD 04-07-67	----	---- Sea Ranch Gas and Water Co.	June 1 - Nov. 30 \geq 5 cfs Dec. 1 - Mar. 31 \geq 25 cfs Apr. 1 - May 31 \geq 10 cfs or the n.f., whenever flow is less than above, at the point of diversion

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
HYDROLOGIC UNIT - F1400 - RUSSIAN RIVER						
F14.A1-1	Green Valley Creek	SM1/4 of SE1/4 S7, T7N, R9W, MD	---	---	Iron Horse Ranch and Vineyard	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Mar. 31 \geq 10 cfs Apr. 1 - June 1 \geq 1 cfs or n.f. where flow is less than above
F14.A1-2	N. F. Lancel Creek	SM1/4 of SE1/4 S22, T7N, R10W, MD	09-25-78	---	Blanchard, Olive Steltz	After initial filling of reservoir each season, bypass a minimum of 4,000 gal./day
F14.A1-3	Russian River	SM1/4 of SW1/4 S29, T8N, R9W, MD	03-08-78	---	Norman, Edward F.	Diversion only when flow is \geq 125 cfs or n.f. where flow is less than above To be measured at nearest G.S.G.S. gaging station downstream of diversion point
F14.A1-4	Russian River	NW1/4 of SE1/4 S22, T9N, R9W, MD	03-08-78	---	Remy, Walter R.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-5	Russian River	SE1/4 of NW1/4 S21, T8N, R9W, MD	03-08-78	---	Allen, Howard B.	Diversion only when flow \geq 150 cfs or n.f. where flow is less than above To be measured at nearest G.S.G.S. gaging station downstream of diversion point

Stream Name

Identity Number	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.A1-6	Russian River 24892	NM1/4 of SM1/4 S15, T8N, R9W, MD 09-29-79	---	---	Vilmark, Inc.	Diversion only when flow \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-7	Russian River 24889	NM1/4 of SE1/4 S22, T9N, R9W, MD 09-27-77	---	---	Manfredi, Olna Quigley, Julie	Diversion only when flow $>$ 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-8	Russian River 24908	NM1/4 of SE1/4 S22, T9N, R9W, MD 10-06-77	---	---	Hooper, Marie B.	Diversion only when flow \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-9	Russian River 24921	SM1/4 of SM1/4 S5, T7N, R10W, MD 09-10-78	---	---	Jensen, Arthur L.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-10	Russian River 24967	NE1/4 of NE1/4 S33, T9N, R9W, MD 08-13-79	---	---	Louis J. Foppiano Ranches Inc.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Stream Name

Water Rights
Application Number
License Number

Location

Agreement
Date

FERC Project
Number

Diversion Name

Water Rights Applicant

Minimum Instream Flows
Under Agreement

F14-A1-11	Russlan River	NE1/4 of NE1/4 S31, T8N, R10W, MD	---	---	---	Diversion only when flow is \geq 125 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24963	05-10-78	---		PAP Development Co.	
F14-A1-12	Russlan River	NW1/4 of SE1/4 S11, T7N, R11W, MD	---	---	---	Diversion only when flow is \geq 125 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24962	03-08-78	---		Fender, Peter A.	
F14-A1-13	Russlan River	NW1/4 of SE1/4 S22, T9N, R9W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	23363	09-07-79	---		Bablin, Norbert C.	
F14-A1-14	Russlan River	NW1/4 of SE1/4 S22, T9N, R9W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24947	09-27-77	---		Miller, Robert P.	
F14-A1-15	Russlan River	NW1/4 of SW1/4 S27, T9N, R9W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24931	04-05-78	---		Harris Pine Mills	

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14-A1-16	Russian River 25012	NE1/4 of SE1/4 S27, T8N, R10W, MD 08-11-77	---	--- Read, Edward	Diversion only when flow is \geq 125 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-A1-17	Russian River 25010	SE1/4 of NM1/4 S21, T8N, R9W, MD 08-11-77	---	--- Allen, Howard B.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-A1-18	Russian River 24268	SE1/4 of SE1/4 S33, T9N, R9W, MD 02-14-78	---	--- Sonoma Vineyards	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-A1-19	Russian River 24270	NE1/4 of SE1/4 S4, T8N, R9W, MD 02-14-78	---	--- Sonoma Vineyards	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-A1-20	Russian River 25367	NM1/4 of NM1/4 S17, T8N, R9W, MD 05-05-80	---	--- Alex R. Russell Lois J. Russell	Permittee shall bypass all inflow after the initial filling of the reservoir each season

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.A1-21	Russian River (underflow) 25393	NE1/4 of SW1/4 S16, T8N, R9W, MD 06-02-78	----	----	Diversion only when flows \geq 150 cfs or n.f., whenever flow is less than above. To be measured at nearest USGS gaging station downstream of diversion
F14.A1-22	Purrington Creek 12330 L03880	S19, T7N, R9W, MD 03-17-75	----	Wallen G. Dutton, Jr.	Bypass \geq 150 gal./min. or n.f. whenever flow is less than above, at the point of diversion
F14.A1-24	Russian River (underflow) 25076	NE1/4 of SE1/4 S29, T8N, R10W, MD 06-01-76	----	Charles Fahlen Dorothy S. Fahlen	Divert only when the flow in the Russian River exceeds 125 cfs and only at a rate not exceeding said excess, ceasing all diversions when the flow in the River is 125 cfs or less as measured at the nearest USGS gage station
F14.A1-25	Russian River (underflow) 24762	S33, T9N, R9W, MD 02-14-78	----	Sonoma Vineyards, Inc.	Diversion only when flows \geq 150 cfs or n.f. whenever flow is less than above. To be measured at nearest USGS gaging station downstream of diversion
F14.A1-26	Russian River (underflow) 24891	NE1/4 of SE1/4 S9, T8N, R9W, MD 10-21-81	----	Helinz Brothers Basalt Rock Company	\geq 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest USGS gaging station downstream of diversion

Stream Name			Location		Diversions Name		Minimum Instream Flows Under Agreement	
Identity Number	Water Rights Application Number	License Number	Agreement Date	FERC Project Number	Water Rights Applicant			
F14.A1-27	Russian River		NE1/4 of SE1/4 S22, T9N, R9W, MD 04-04-78		----	Joseph Mate		Diversion only when flows \geq 150 cfs or n.f. whenever flow is less than above. To be measured at nearest USGS gaging station downstream of diversion
F14.A1-28	Russian River (underflow)		NE1/4 of NE1/4 S34, T9N, R9W, MD 09-18-75		----	William Chalkin Helen D. Chalkin		Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
F14.A1-29	Russian River (underflow)		NE1/4 of SE1/4 S33, T9N, R9W, MD SE1/4 of SE1/4 S33, T9N, R9W, MD 02-28-75		----	Sonoma Vineyards, Inc.		Divert only when the flow in the Russian River is 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when the flow in the river is 150 cfs or less as measured at the nearest USGS gaging station
F14.A1-30	Russian River (underflow)		SE1/4 of NE1/4, S33, T9N, R9W, MD 01-06-76		----	Louis J. Fopplano Ranches, Inc.		Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
F14.A1-31	Russian River		SE1/4 of SE1/4 S21, T9N, R9W, MD 06-15-77		----	Basalt Rock Co., Inc.		Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
F14-A1-32	Russian River	(underflow)	SE1/4 of SW1/4 S16, T8N, R9W, MD		---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest USGS gaging station)
	26233		02-26-80	---	John M. Belluc	
F14-A1-33	Russian River		NE1/4 of NW1/4 S21, T8N, R9W, MD		---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest USGS gaging station)
	23655		12-14-70	---	Neoma A. Rochloll Joe J. Rochloll, Jr.	
F14-A1-34	Russian River		NE1/4 of NE1/4 S16, T8N, R9W, MD		---	Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
	23639		SW1/4 of NE1/4 S16, T8N, R9W, MD 11-02-70	---	Edge Hill Farms, Inc.	
F14-A1-39	W. F. of Atascadero Creek		NE1/4 of SW1/4 S5, T6N, R9W, MD		---	At all times bypass > 0.1 cfs or the n.f., whenever flow is less than above, at the point of diversion
	11315		03-13-46	---	Frederick W. Johnston	
	L03102					
F14-A2-1	Austin Creek	(underflow)	NE1/4 of SW1/4 S34, T8N, R11W, MD		---	Nov. 1 - Nov. 30 > 8 cfs Dec. 1 - Feb. 28 > 25 cfs Mar. 1 - Apr. 30 > 8 cfs May 1 - Oct. 31 > 1 cfs or n.f. where flow is less than above
	25830		09-07-79	---	Sonoma County Mutual Water Co.	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F14-A2-2	AustIn Creek (underflow)	NW1/4 of NE1/4 S3, T7N, R11W, MD		---	Nov. 1 - Nov. 30 > 8 cfs Dec. 1 - Feb. 28 <u>25</u> cfs Mar. 1 - Apr. 30 > 8 cfs May 1 - Oct. 30 > <u>1</u> cfs or n.f. where flow is less than above
	26113	09-16-80	---	Huckleberry Mutual Water Co.	
F14-A2-3	AustIn Creek	NE1/4 of NW1/4 S34, T8N, R11W, MD		---	Nov. 1 - Nov. 30 > 8 cfs Dec. 1 - Feb. 28 > 25 cfs Mar. 1 - Apr. 30 > 8 cfs May 1 - Oct. 31 > 1 cfs or n.f. where flow is less than above
	25674	08-13-79	---	Sunrise Mountain Mutual Home Owners Ass., Inc.	
F14-B2-1	Santa Rosa Creek	SW1/4 of SW1/4 S13, T7N, R9W, MD		---	Apr. 15 - May 31 > 5 cfs or the n.f., whenever flow is less than above, past the point of diversion
	20920	08-30-62	---	Chr's Ketelsen	
	L09406				
F14-B2-2	Santa Rosa Creek	SE1/4 of SW1/4 S18, T7N, R8W, MD		---	Apr. 15 - May 31 > 5 cfs or n.f. whenever flow is less than above, past the point of diversion
	21170	02-21-63	---	Travis Baggett	
	L09716				
F14-B2-3	Santa Rosa Creek	SE1/4 of SW1/4 S18, T7N, R8W, MD		---	Apr. 15 - May 31 > 5 cfs or n.f. whenever flow is less than above, past the point of diversion
	21148	02-04-63	---	Maude F. Robbins	
	L09113				

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F14.B2-4	Santa Rosa Creek 21156 L09500	NM1/4 of NM1/4 S20, T7N, R8W, MD 02-11-63	---	---	Mar. 1 - May 31 \geq 5 cfs or n.f. whenever flow is less than above, past the point of diversion
F14.B2-5	Santa Rosa Creek 15404 L10132	SE1/4 of SE1/4 S18, T7N, R8W, MD 07-07-53	---	Santa Rosa Flood Control Channel Harry Rasmussen	May 1 - May 31 \geq 5 cfs or n.f. whenever flow is less than above
F14.B3-1	Mark West Creek 24271	NM1/4 of SM1/4 S33, T8N, R9W, MD 06-22-78	---	---	Mar. 15 - Apr. 30 \geq 15 cfs May 1 - June 15 \geq 10 cfs June 16 - Nov. 1 \geq 3 cfs or n.f. where flow is less than above
F14.B3-2	Windsor Creek 13958 L05335	NM1/4 of SE1/4 S1, T8N, R9W, MD 11-07-56	---	Joseph Bottasso	Apr. 15 - Oct. 15 \geq 100 gal./min. or n.f. Oct. 16 - Apr. 14 \geq 0.5 cfs or n.f. whenever flow is less than above
F14.B3-3	Mark West Creek 14079 L09513	NE1/4 of NM1/4 S20, T8N, R7N, MD 11-30-50	---	Nancy Mae Keel	Oct. 1 - June 15 \geq 0.5 cfs June 15 - Oct. 1 \geq 0.25 cfs or the n.f. whenever flow is less than above

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14-B3-4	Mark West Creek 22038 L08672	SW1/4 of SE1/4 S28, T8N, R7W, MD 02-05-65	---	---	May 1 - May 31 > 3 cfs June 1 - Oct. 31 > .25 cfs or n.f. whenever flow is less than above past the point of diversion
F14-B4-1	Russian River 24924	NE1/4 of SW1/4 S28, T9N, R9W, MD 03-29-78	---	---	Diversion only when flow is > 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion
F14-B4-2	Dry Creek 24203	SE1/4 of SE1/4 S27, T10N, R10W, MD 02-06-75	---	---	Mar. 15 - May 15 > 10 cfs or n.f. where flow is less than above
F14-B4-3	Dry Creek 24688	NE1/4 of NE1/4 S32, T9N, R9W, MD 06-28-78	---	---	Apr. 1 - Sept. 1 > 10 cfs or n.f. where flow is less than above (Prior to Fine Dry Creek flow is regulated by Warm Springs Dam Project)
F14-B4-5	Dry Creek 22807 L10043	NE1/4 of NW1/4 S21, T10N, R10W, MD 06-06-67	---	---	Mar. 15 - June 30 > 10 cfs or the n.f. whenever flow is less than above
				Lewis, Frank J.	
				Tolmasoff, Michael	
				Blankenship, James D.	
				Erma R. Hallengren	

Identity Number	Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
F14-B4-6	Dry Creek (underflow)			NW1/4 of SW1/4 S22, T10N, R10W, MD				Cease diversion from May 1 - Oct. 15 when surface flow of Dry Creek is less than 25 cfs at a point of diversion, once flow is regulated by Corps of Engineers Dry Creek Project
	22661			12-15-66			Fred Bartolozzi	
	L09819							
F14-B4-7	Dry Creek (underflow)			NE1/4 of SW1/4 S22, T10N, R10W, MD				Cease diversion June 1 - Oct. 31 when surface flow of Dry Creek is less than 25 cfs at point of diversion, once flow is regulated by Corps of Engineers Dry Creek Project
	22359			01-03-66			Jack & Suzanne Himmelwright	
	L09838							
F14-B4-8	Grape Creek			NW1/4 of SW1/4 S2, T9N, R10W, MD				Nov. 1 - June 1 > 100 gal./min. or the n.f. whenever the flow is less than above, at the point of diversion
	16163			12-02-54			Allen C. Anderson	
	L09846							
F14-B4-9	Dry Creek (underflow)			NE1/4 of NE1/4 S21, T10N, R10W, MD				June 15 - June 30 > 10 cfs, prior to such time that the flow of the creek is regulated by the Warm Springs Dam Project
	22929			10-13-67			Sonoma Vineyards, Inc.	
	L10591							
F14-B4-10	Mill Creek			NE1/4 of NW1/4 S31, T9N, R9W, MD				June 1 - Nov. 30 > 2 cfs or n.f. and 5 cfs or n.f. whichever is less for the remainder of the year
	11327			01-03-80			Thomas Passalacqua	
	L03344							

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
F14-B4-11	M111 Creek L03344	NE1/4 of NW1/4 S31, T9N, R9W, MD 01-03-80	---	---	Bypass \geq 150 gal./min. at all times or n.f., whenever flow is less than above
F14-B4-14	Dry Creek 19551	NW1/4 of NE1/4 S18, T10N, R10W, MD 04-12-60	---	---	Apr. 1 - Nov. 30 \geq 25 cfs Elevation of Dry Creek Reservoir from previous spring 441.0 msl Dec. 1 - Mar. 31 \geq 75 cfs 431.0-440.9 msl Dec. 1 - Mar. 31 \geq 70 cfs 421.0-430.9 msl Dec. 1 - Mar. 31 \geq 60 cfs Below 421.0 msl Dec. 1 - Mar. 31 \geq 50 cfs
F14-B5-1	Russian River 24051	NE1/4 of SE1/4 S19, T9N, R8W, MD 08-22-78	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion
F14-B5-3	Russian River 25344	NW1/4 of SW1/4 S7, T9N, R8W, MD 09-15-78	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion
F14-B5-4	Russian River 24678	SE1/4 of SE1/4 S20, T10N, R9W, MD 04-05-78	---	---	Diversion only when flow exceeds 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date		Water Rights Applicant	
F14.B5-5	Russian River 24791	SE1/4 of SW1/4 S12, T10N, R10W, MD 04-14-78	---	---	Diversion only when flow exceeds 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-6	Sausal Creek 24518	SW1/4 of SE1/4 S25, T10N, R9W, MD 09-12-75	---	Hafner, Richard and Mary	Apr. 1 - Apr. 30 > 10 cfs May 1 - May 31 > 7 cfs or n.f. where flow is less than above
F14.B5-7	Russian River 24864	SW 1/4 of SW1/4 S1, T9N, R9W, MD 03-08-78	---	Larsen, Carter L.	Diversion only when flow is > 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-8	Russian River 24877	NE1/4 of SE1/4 S2, T9N, R9W, MD 03-17-78	---	Spiegel, Hart H.	Diversion only when flow is > 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-9	Russian River 24894	NE1/4 of SE1/4 S12, T10N, R10W, MD 03-08-78	---	Trione, Mark H.	Diversion only when flow is > 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14-B5-10	Russian River 24890	NE1/4 of SE1/4 S28, T11N, R10W, MD 04-06-78	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-11	Russian River 24909	SE1/4 of NE1/4 S6, T11N, R10W, MD 03-08-78	---	Emerson, Gary E.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-12	Russian River 24912	SE1/4 of NE1/4 S29, T11N, R10W, MD 06-15-78	---	Hiatt Mutual Water Co.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-13	Russian River 24919	SE1/4 of NE1/4 S6, T11N, R10W, MD 03-08-78	---	McConnell, Elton R.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-14	Russian River 25005	SE1/4 of NE1/4 S6, T11N, R10W, MD 05-10-78	---	McPherson, Lottie L.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point

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Identity Number	Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.B5-15	Russian River			SE1/4 of SE1/4 S28, T11N, R10W, MD	---	---	---	Diversion when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24993			08-02-79	---	Bruti, Bruno O.		
F14.B5-16	Russian River			SW1/4 of SE1/4 S18, T10N, R9W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24972			03-08-78	---	Lopez, et al		
F14.B5-17	Russian River			SE1/4 of NE1/4 S12, T9N, R9W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24958			03-14-78	---	Helmholtz, August Carl		
F14.B5-18	Russian River			NE1/4 of NW1/4 S34, T11N, R10W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24951			07-25-79	---	Scianni, Robert V.		
F14.B5-19	Russian River			SE1/4 of NW1/4 S23, T9N, R9W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24955			03-08-78	---	Harris, Dennis E.		

Stream Name		Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
F14-B5-20	Russian River	24932	SE1/4 of SW1/4 S14, T9N, R9W, MD 10-06-77			Diversion only when flow is ≥ 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-21	Russian River	25015	SE1/4 of NE1/4 S6, T11N, R10W, MD 03-08-78			Diversion only when flow is ≥ 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-22	Bidwell Creek	25032	SE1/4 of NW1/4 S20, T9N, R7W, MD 10-04-79			Dec. 1 - Feb. 29 ≥ 5 cfs Mar. 1 - Apr. 30 ≥ 2 cfs May 1 - May 15 ≥ 1 cfs or n.f. where flow is less than above
F14-B5-23	Russian River	25207	NE1/4 of NW1/4 S23, T9N, R9W, MD 11-09-78			Diversion only when flow is ≥ 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-24	Russian River	25157	SE1/4 of NE1/4 S6, T11N, R10W, MD 04-21-78			Diversion only when flow is ≥ 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F14-B5-25	Russian River 25154	SE1/4 of SW1/4 S27, T10N, R9W, MD 03-08-78	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-26	Russian River 25110	NE1/4 of NE1/4 S20, T11N, R10W, MD 09-11-77	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-27	Russian River 25084	SE1/4 of NW1/4 S23, T9N, R9W, MD 10-07-77	---	Erman, Marjorie I.	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-28	Russian River 24266	NE1/4 of NW1/4 S18, T10N, R9W, MD 01-27-78	---	Riverwood Vineyards	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-B5-29	Russian River 24269	NW1/4 of NE1/4 S12, T9N, R9W, MD 03-17-78	---	Mighton, Mark	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F14-B5-30	Russian River	SE1/4 of NE1/4 S34, T10N, R9W, MD	---	---	Divers ion only when flow is > 150 cfs or where n.f. is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24310AMB	11-26-74	---	Franciscan Vineyards	
F14-B5-31	Maacama Creek	SE1/4 of NW1/4 S20, T9N, R8W, MD	---	---	Apr. 15 - June 15 > 150 gal./min. or n.f. whenever flow is less than above, at the point of diversion
	13533	04-09-70	---	Stephen A. Zellerbach	
	L05674				
F14-B5-32	Maacama Creek	SE1/4 of NE1/4 S8, T9N, R8W, MD	---	---	June 1 - Sept. 30 > 0.25 cfs or the n.f. of the stream, whenever flow is less than above, as measured by a said measuring device, immediately below the point of diversion
	23902	10-21-71	---	Barbara Foster	
	L10573				
F14-B5-33	Maacama Creek	SE1/4 of SE1/4 S17, T9N, R8W, MD	---	---	Apr. 1 - May 31 > 1.5 cfs or the n.f., whenever flow is less than above
	23790	05-24-71	---	Margaret & T. Clifford Melin	
	L11080				
F14-B5-34	Franz Creek	NW1/4 of SE1/4 S20, T9N, R8W, MD	---	---	License may require, after notice to proper parties, bypass of fish flows, at this point of diversion, released from dams upstream that may be constructed in the future
	22445	04-11-66	---	John Ferrero	
	L09515				

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
Identity Number	License Number						
F14.85-35		Maacama Creek (underflow)	NE1/4 of NM1/4 S20, T9N, RBW, MD SM1/4 of NM1/4 S20, T9N, RBW, MD SE1/4 of NM1/4 S20, T9N, RBW, MD			Stephen Hawkes	May 1 - May 31 \geq 1.5 cfs or the n.f. whenever flow is less than above, at the points of diversion
	L07230		02-05-58				
F14.85-36		Maacama Creek	NE1/4 of SM1/4 S20, T9N, RBW, MD				May 1 - May 31 \geq 1.5 cfs or n.f. whenever flow is less than above, at the point of diversion
	22156		05-19-65			Rudolph S. Malingran	
	L10262						
F14.85-37		Maacama Creek	NM1/4 of NE1/4 S17, T9N, RBW, MD				May 1 - May 31 \geq 1.5 cfs or n.f. whenever flow is less than above, at the point of diversion
	21674		03-05-64			Stephen A. Taylor	
	L10528						
F14.85-38		Russian River (underflow)	SE1/4 of SE1/4 S1, T9N, R9W, MD				At all times bypass \geq 150 cfs or the n.f., whenever flow is less than above, at the point of diversion
	23212		04-17-70			Russell Green, Harry Wetzel	
F14.85-39		Russian River (underflow)	NM1/4 of NE1/4 S33, T10N, R9W, MD				Diversion only when flows \geq 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest U.S.G.S. gaging station downstream of diversion
	25025		04-14-78			Donald B. Mills	
F14.85-40		Edwards Creek	NM1/4 of NE1/4 S26, T12N, R11W, MD				Jan. 1 - May. 15 \geq 5 cfs Mar. 16 - May 30 \geq 1 cfs or total n.f., whenever flow is less than above at point of diversion
	24790		03-31-75			Heehl Ranch Vineyards	

Stream Name		Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number					
F14-B5-41	Russian River (underflow)	SE1/4 of NE1/4 S6, T11N, R10W, MD	---	---	---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest U.S.G.S. gaging station)
	25028	03-24-76	---	Lottie L. McPherson		
F14-B5-42	Russian River	SW1/4 of SW1/4, S21, T11N, R10W, MD	---	---	---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest U.S.G.S. gaging station)
	24899	10-14-75	---	Walter A. Tatge Dixie E. Tatge		
F14-B5-43	Russian River	NE1/4 of SE1/4 S12, T9N, R9W, MD	---	---	---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest U.S.G.S. gaging station)
	24269	12-22-72	---	Mark Michton		
F14-B5-44	Russian River (underflow)	NW1/4 of NE1/4 S2, T9N, R9W, MD	---	---	---	Divert only when the flow in the river is 150 cfs and only at a rate not exceeding an excess, ceasing all diversion when the flow in the river is 150 cfs or less as measured at the nearest U.S.G.S. gaging station
	24679	SW1/4 of NE1/4 S2, T9N, R9W, MD 08-26-74	---	Sonoma Vineyards, Inc.		

Identity Number	Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.B5-45	Russian River (underflow)			SW1/4 of NE1/4 S17, T11N, R10W, MD SE1/4 of NW1/4 S17, T11N, R10W, MD NE1/4 of SW1/4 S17, T11N, R10W, MD		----- Vimark, Inc.	Divert only when the flow in the river is 150 cfs and only at a rate not exceeding an excess, ceasing all diversion when the flow in the river is 150 cfs or less as measured at the nearest U.S.G.S. gaging station
F14.B5-46	Russian River (underflow)		25662	09-30-75		----- S. Cloverdale Water Co.	Permittee shall divert only when the flow in Russian River exceeds 150 cfs and only at rate not exceeding said excess, ceasing all diversion when flow > 150 cfs. Flow measured at nearest U.S.G.S. gaging station or river.
F14.B5-47	Russian River (underflow)		24925	SW1/4 of NW1/4 S20, T11N, R10W, MD SW1/4 of NW1/4 S20, T11N, R10W, MD		----- Jack L. Black and Patricia Black	Divert only when flow exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow 150 cfs or less. Measured at nearest U.S.G.S. gaging station on river.
F14.B5-48	Russian River (underflow)		24311A&B	11-10-75		----- Franciscan Vineyards, Inc.	Divert only when flow exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow 150 cfs or less. Measured at nearest U.S.G.S. gaging station on river.
F14.B5-49	Russian River		26414	NE1/4 of SW1/4 S2, T9N, R9W, MD		----- Thomas N. Jordan, Jr.	Divert only when flow exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow 150 cfs or less. Measured at nearest U.S.G.S. gaging station on river.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F14-B6-1	Little Sulphur Creek	NE1/4 of NE1/4 S3, T10N, R9W, MD	---	---	At all times release \geq 2 cfs or the n.f., whenever flow is less than above, into the natural channel below the point of diversion
	22325	10-26-65	---	Ralph Bastin, Jr.	
	L09522				
F14-C1-1	Russian River	S34, T16N, R12W, MD	---	Coyote Valley Dam	Minimum flow of 25 cfs immediately below Coyote Valley Dam
	15779	08-21-59	---	Sonoma Co. WA	Minimum flow of 150 cfs at the junction between east and west forks of the Russian River or n.f.
	L07615				Minimum of 125 cfs in the channel of the Russian River throughout Zone 5 of the Sonoma Co. F.C.W.C.D.
F14-C1-2	Russian River	SE1/4 of NE1/4 S4, T14N, R12W, MD	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above
	24014	08-11-80	---	Oswald, H. A., Jr.	To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-C1-3	Russian River	NE1/4 of SE1/4 S25, T14N, R12W, MD	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above
	23446	11-19-74	---	King, Malcolm D.	To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Divers ion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
F14.C1-4	Russian River 23664	NE1/4 of SE1/4 S23, T14N, R12W, MD	08-04-78	---	---	Divers ion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of divers ion point
F14.C1-5	Russian River 25596	NE1/4 of SE1/4 S18, T13N, R11W, MD	11-05-79	---	East Seneel Irrigation Co.	Divers ion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of divers ion point
F14.C1-6	Feltz Creek 25749	NE1/4 of NW1/4 S23, T13N, R12W, MD	05-18-79	---	Heys, Wendell M.	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
F14.C1-7	Russian River 24522	NE1/4 of SE1/4 S18, T13N, R11W, MD NE1/4 of SW1/4 S17, T13N, R11W, MD 07-12-78		---	Puccetti, F. K. and B. A.	At all times \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of divers ion point
F14.C1-8	Russian River 24617 L11173	SE1/4 of NW1/4 S10, T14N, R12W, MD 12-23-76		---	Turula Vineyards	Permit to divert only when flow is \geq 150 cfs or where n.f. is less than above. To be measured at nearest U.S.G.S. gaging station downstream of divers ion point

Stream Name	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.C1-9	Russian River 24741	SW1/4 of NE1/4 S25, T14N, R12W, MD 05-24-78	---	---	Diversion permitted when flow exceeds 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.C1-11	McLure Creek 24898	NW1/4 of NW1/4 S23, T15N, R12W, MD 09-04-78	---	---	Oct. 1 - Nov. 30 \geq .5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 30 \geq 1 cfs or n.f. where flow is less than above
F14.C1-12	Russian River 25268	SE1/4 of NE1/4 S4, T14N, R12W, MD 09-11-80	---	Oswald, H. A.	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.C1-13	Russian River 25822	SW1/4 of SE1/4 S36, T14N, R12W, MD 11-18-80	---	Parducci Minery, Ltd.	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.C1-14	Coleman Creek 25888	NW1/4 of NW1/4 S35, T13N, R11W, MD 04-28-80	---	Fitzgerald, Marian	Nov. 1 - Feb. 28 \geq 10 cfs Mar. 1 - May 31 \geq 3 cfs or n.f. where flow is less than above
F14.C1-15	York Creek 24359	SE1/4 of NE1/4 S32, T15N, R12W, MD 10-10-74	---	Parducci Wine Cellars, Inc.	Jan 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 31 \geq 10 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
F14-C1-16	McNab Creek	SE1/4 of NE1/4 S27, T14N, R12W, MD	05-24-78	----	----	Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - May 30 \geq 2 cfs June 1 - June 15 \geq 0.5 cfs or n.f. where flow is less than above
F14-C1-17	Russian River	SE1/4 of NE1/4 S23, T14N, R12W, MD	05-24-78	----	Nelson and Sons	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-C1-18	Russian River	SE1/4 of NE1/4 S30, T13N, R11W, MD	06-28-78	----	Hansen, Raymond W.	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14-C1-19	Feliz Creek	SW1/4 of NW1/4 S24, T13N, R12W, MD	03-21-69	----	Kunde Corporation	May 1 - May 31 \geq 1 cfs or the n.f., whenever flow is less than above
F14-C1-20	Russian River (underflow)	SE1/4 of SW1/4 S21, T15N, R12W, MD	08-11-78	----	William S. Hildreth	When the rate of diversion exceeds 0.54 cfs, licensee shall divert only from the portion of the streamflow exceeding the minimum amounts specified in Board Order WR 74-30 as such amounts are recorded at the nearest U.S.G.S. gaging station on the river.

Stream Name	Location	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	Water Rights Application Number	Water Rights Applicant	
	License Number		
	Agreement Date	FERC Project Number	
F14-C1-21	Ackerman Creek 24691	SE1/4 of SW1/4 S6, T15N, R12W, MD 03-27-79	Nov. 1 - Nov. 30 \geq .5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 31 \geq 2 cfs June 1 - July 30 \geq .5 cfs or n.f. whenever flow is less than above
F14-C1-22	Fellz Creek 25321	NE1/4 of NE1/4 S18, T13N, R12W, MD 03-03-80	Dec. 1 - Feb. 29 \geq 1 cfs June 1 - July 31 \geq 50 gal./min. Nov. 1 - Nov. 30 \geq 50 gal./min. or n.f. whenever flow is less than above
F14-C1-23	Fellz Creek 13633 L03895	SW1/4 of NE1/4 S15, T13N, R12W, MD 06-26-52	May 1 - June 15 \geq 50 gal./min. or n.f. whenever flow is less than above, at the point of diversion
F14-C1-24	M. F. Russian River 21184	SW1/4 of NW1/4 S16, T16N, R12W, MD NW1/4 of NW1/4 S16, T16N, R12W, MD 03-08-63	May 30 - Nov. 1 \geq 5 cfs or the n.f. whenever flow is less than above, at the point of diversion
F14-C1-25	Morrison Creek 21106 L08542	SE1/4 of SE1/4 S11, T14N, R12W, MD 01-02-63	May 1 - May 31 \geq 1 cfs or the n.f. whenever flow is less than above, at the point of diversion

Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	Water Rights Application Number License Number	Agreement Date	Water Rights Applicant	
F14-C1-26	W. F. Russian River 23949 L10897	SE1/4 of SW1/4 S28, T16N, R12W, MD 12-14-71	Robert T. Grider	Mar. 1 - May 15 \geq 10 cfs, or the n.f., whenever flow is less than above, to be measured by a staff gage, in which the said measuring device shall be properly maintained.
F14-C1-27	W. F. Russian River 22277 L09945	NW1/4 of NW1/4 S16, T16N, R12W, MD 08-31-65	Ernest E. Bufow	Mar. 1 - May 31 \geq 5 cfs or the n.f., whenever flow is less than above, past the point of diversion
F14-C1-28	Russian River (underflow) 24820	NW1/4 of NW1/4 S16, T15N, R12W, MD 04-14-78	L In W. Ford	$>$ 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest U.S.G.S. gaging station downstream of diversion
F14-C1-29	Russian River (underflow) 17232	Lots 45 and 71 of Yokayo Ranch and NW1/4 S32, T15N, R12W, MD 03-26-63	Willow County Water District	At all times bypass \geq 150 cfs or the n.f., whenever flow is less than above, at its point of diversion
F14-C1-30	Russian River 25850	NW1/4 of NW1/4 S25, T14N, R12W, MD 09-14-79	Brian R. White	Diversions only when flow \geq 150 cfs or n.f. whenever flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
F14-C1-31	Russian River 24789	NE1/4 of SW1/4 S10, T14N, R12W, MD	03-29-78	----	----	> 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest U.S.G.S. gaging station downstream of diversion
F14-C1-32	Russian River 20540	SW1/4 of SW1/4 S14, T14N, R12W, MD NE1/4 of SE1/4 S15, T14N, R12W, MD NE1/4 of NE1/4 S15, T14N, R12W, MD			----	Diversion under this permit is authorized only at such times as the flow of Russian River at the point of diversion exceeds requirements for downstream prior Flights plus 150 cfs
F14-C1-33	Russian River 20541 L10329	NW1/4 of NE1/4 S23, T14N, R12W, MD SW1/4 of SW1/4 S14, T14N, R12W, MD	12-27-61	----	Hugo A. J. Oswald Jr. Beatrice S. Oswald	Diversion may occur only at such times as the flow of Russian River at the point of diversion exceeds requirements for downstream prior rights plus 150 cfs
F14-C1-34	Russian River (underflow) 17624	SE1/4 of NE1/4 S23, T14N, R12W, MD	10-18-63	----	Nelson & Sons, Inc.	At all times release \geq 150 cfs or the n.f. whenever flow is less than above at point of diversion
F14-C1-35	Russian River 24763A	S7, T13N, R11W, MD	07-09-80	----	North Bay Vineyards	Diversion only when flows \geq 150 cfs or n.f. whenever flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion
F14-C1-36	Russian River 24013, 24606	SW1/4 of SW1/4 S14, T14N, R12W, MD	04-03-72	----	H. A. Oswald, Jr. Beatrice S. Oswald	Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less

Stream Name

268

Water Rights
Application Number
License Number

Location
Agreement
Date

FERC Project
Number

Diversion Name
Water Rights Applicant

Minimum Instream Flows
Under Agreement

F14-C1-37

Robinson Creek

24525A

NW1/4 of NW1/4 S7, T14N, R12N, MD

03-15-73

Al Baltins, Deanna J. Baltins

Apr. 1 - Apr. 30 bypass min. 10 cfs
May 1 - May 31 bypass min. 3 cfs
June 1 - June 30 bypass min. 0.5 cfs
or total streamflow whenever it is less
than designated amount

Stream Name

Water Rights
Application Number

License Number

Location

Agreement
DateFERC Project
Number

Diversion Name

Water Rights Applicant

Minimum Instream Flows
Under Agreement

F14.02-1	East Fork Russian River	SB, T16N, R11W, MD	77	Potter Valley Powerhouse	Interim Flow Schedule
---		00-00-79		P&andE	Water Yr. Dry Critical
					Normal $\frac{2}{/}$ $\frac{3}{/}$
					(cfs) (cfs) (cfs)
					May 5-Sept. 15 $\frac{75}{/}$ $\frac{40}{/}$ $\frac{20}{/}$
					Sept. 16-May 14 35 35 20

2/ Dry year conditions are defined to exist when cumulative inflow to Lake Pillsbury beginning October 1 of each year is less than:

- 6,200 AF as of December 1
- 21,300 AF as of January 1
- 41,100 AF as of February 1
- 74,100 AF as of March 1
- 114,500 AF as of April 1
- 145,600 AF as of May 1
- 160,000 AF as of June 1

Inflow greater than the above will constitute a "normal" year.

3/ Critical year conditions are defined to exist when cumulative inflow to Lake Pillsbury beginning October 1 of each year is less than:

- 20,000 AF as of February 1
- 40,000 AF as of March 1
- 45,000 AF as of April 1
- 50,000 AF as of May 1

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14-C2-2	East Fork Russian River 24481	NE1/4 of NW1/4 S20, T17N, R11W, MD 03-08-78	---	---	Mar. 1 - May 14 <u>></u> 35 cfs May 15 - Sept. 14 <u>></u> 75 cfs Sept. 15 - Nov. 1 <u>></u> 35 cfs or n.f. where flow is less than above
F14-C2-3	East Fork Russian River 24795	NE1/4 of NW1/4 S7, T17N, R11W, MD 06-23-80	---	Power House Canal Fisher, William E.	May 1 - May 14 <u>></u> 35 cfs May 15 - Sept. 15 <u>></u> 75 cfs Sept. 15 - Sept. 30 <u>></u> 35 cfs or n.f. where flow is less than above
F14-C2-4	East Fork Russian River 24995	NE1/4 of NE1/4 S32, T17N, R11W, MD 07-21-80	---	---	May 1 - May 14 <u>></u> 35 cfs May 15 - Sept. 15 <u>></u> 75 cfs Sept. 16 - Nov. 1 <u>></u> 35 cfs or n.f. where flow is less than above
F14-C2-5	East Fork Russian River 26016	SW1/4 of NE1/4 S5, T16N, R11W, MD 06-23-80	---	MacLennan, Bruce Gay, David P.	May 15 - Sept. 14 <u>></u> 75 cfs Sept. 15 - Nov. 15 <u>></u> 35 cfs or n.f. where flow is less than above
F14-C2-6	East Fork Russian River 24318	NE1/4 of NW1/4 S20, T17N, R11W, MD 04-21-78	---	---	Mar. 14 - May 14 <u>></u> 35 cfs May 15 - May 31 <u>></u> 75 cfs or n.f. where flow is less than above
F14-C2-7	East Fork Russian River 24209	SW1/4 of NW1/4 S6, T17N, R11W, MD 05-27-80	---	Power House Canal McFadden, Thomas J.	June 1 - Aug. 15 <u>></u> 75 cfs or n.f. where flow is less than above Frost Protection: Mar. 1 - May 14 <u>></u> 35 cfs May 15 - May 30 <u>></u> 75 cfs Sept. 15 - Nov. 1 <u>></u> 35 cfs or n.f.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
F14.C2-8	Burrlight Creek 25880	NE1/4 of SE1/4 S27, T17N, R11W, MD 09-26-80	---	---	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - Apr. 30 \geq 15 cfs May 1 - May 31 \geq 1 cfs Nov. 1 - Nov. 30 \geq 1 cfs June 1 - Sept. 30 diversion only during night time hours. During periods when flow is below designated level, may divert during night time hours.
F14.C2-9	Cold Creek 17271 L07921	NE1/4 of SE1/4 S18, T16N, R11W, MD 09-07-86	---	Charles Guntly	Dec. 1 - June 1 \geq 2 cfs June 2 - Nov. 30 \geq 0.5 cfs or n.f. whenever flow is less than above, past the point of diversion
F14.C2-10	E. F. Russian River 25691	NE1/4 of SW1/4 S34, T16N, R12W, MD 01-09-80	---	City of Ukiah	The City of Ukiah's power project would utilize the same water released at Coyote Dam for municipal, irrigation, fish, and recreation needs. Thus there would be no need for additional water to be released
F14.C3-1	Salt Hollow Creek 24010	SE1/4 of NE1/4 S3, T16N, R12W, MD 05-02-78	---	Webb, Roger P.	Dec. 1 - Feb. 29 \geq 1 cfs Mar. 1 - Apr. 30 \geq 0.25 cfs or n.f. where flow is less than above
F14.C3-2	Salt Hollow Creek 25334	NW1/4 of SE1/4 S3, T16N, R12W, MD 06-13-79	---	Foster, Kenneth L.	Dec. 1 - Feb. 29 \geq 1.25 cfs Mar. 1 - Apr. 1 \geq 0.25 cfs or n.f. where flow is less than above

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
Identity Number	License Number						
F14.C3-3		West Fork Russian River	NM1/4 of SW1/4 S28, T17N, R12W, MO				Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - Apr. 30 \geq 0.5 cfs or n.f. where flow is less than above
	24488		01-27-78			Barre, Charles L.	
F14.C3-4		West Fork Russian River	SW1/4 of NE1/4 S29, T17N, R12W, MO				Diversion West Fork Russian River: Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - Apr. 30 \geq 10 cfs Diversion unnamed stream: Dec. 1 - Feb. 29 \geq 5 cfs or n.f. where flow is less than above
	24725	Unnamed Stream	04-05-78			Welt, Robert S.	
F14.C3-5		Salt Hollow Creek	NE1/4 of NE1/4 S9, T16N, R12W, MO				Oct. 1 - Nov. 30 $>$ 0.25 cfs Dec. 1 - Feb. 29 \geq 2 cfs Mar. 1 - May 31 \geq 0.50 cfs or n.f. where flow is less than above
	24044		06-20-72			Lolonts Vineyard, Inc.	
	L11147						
F14.C3-6		Salt Hollow Creek	NM1/4 of SE1/4 S3, T16N, R12W, MO				Nov. 1 - Nov. 30 \geq 0.1 cfs Dec. 1 - Feb. 29 \geq 1.25 cfs Mar. 1 - May 1 \geq 0.25 cfs or n.f. where flow is less than above
	24996		01-12-79			Piffero, Ernest	
F14.C3-7		West Fork Russian River	NM1/4 of SE1/4 S31, T17N, R12W, MO				Jan. 1 - Feb. 29 \geq 1 cfs Mar. 1 - Apr. 30 \geq 0.2 cfs or n.f. where flow is less than above
	26022		08-11-80			Laughlin Way Vineyards	
F14.C3-8		Rocky Creek	SE1/4 of NE1/4 S19, T17N, R12W, MO				Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - May 15 \geq 2 cfs Frost Protection: Feb. 1 - Feb. 29 \geq 5 cfs or n.f. where flow is less than above
	26055		06-02-80			Wilson, John A.	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
F14.C3-10	West Fork Russian River Unnamed Stream 24405	SE1/4 of SW1/4 S28, T17N, R12W, MD 04-14-78	---	---	Dec. 15 - Feb. 29 \geq 2 cfs Mar. 1 - Apr. 30 \geq 0.5 cfs or n.f. where flow is less than above
F14.C3-11	W. F. Russian River Unnamed Stream 24104	SE1/4 of SE1/4 S31, T17N, R12W, MD 02-18-75	---	Whitley, Evelyn Cliburn Soinilla, Olavi P.	Dec. 1 - Feb. 29 \geq 2 cfs Mar. 1 - June 1 \geq 0.25 cfs or n.f. where flow is less than above
F14.C3-12	West Fork Russian River Unnamed Stream 24126 L11003	NE1/4 of NW1/4 S33, T17N, R12W, MD 09-06-72	---	Brown, Donald	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - Apr. 30 \geq 1 cfs May 1 - June 1 \geq 0.25 cfs or n.f. where flow is less than above
F14.C3-13	West Fork Russian River 24244	SW1/4 of NE1/4 S32, T17N, R12W, MD 04-14-78	---	Barra, Peter D.	Apr. 1 - June 1 \geq 10 cfs or n.f. where flow is less than above
F14.C3-14	Forsythe Creek 21121 L09401	SE1/4 of SE1/4 SB, T16N, R12W, MD 01-16-63	---	Coyote Valley Band of Pomo Indians	May 1 - June 1 \geq 0.5 cfs or n.f. whenever flow is less than above, at the point of diversion
F14.C3-15	Forsythe Creek 16430 L06974	NE1/4 of SW1/4 SB, T16N, R12W, MD 06-21-55	---	Carl E. Peterson	May 15 - June 1 \geq 0.5 cfs or the n.f. whenever flow is less than above, at the point of diversion

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.C3-16	West Fork Russian River 23757	SE1/4 of SE1/4 S5, T16N, R12W, MD 09-20-71	-----	----- William Neese, Floyd Rogers	Nov. 1 - May 31 \geq 5 cfs June 1 - June 30 \geq 1 cfs or n.f. whenever flow is less than above, at the point of diversion
F14.C3-17	Forsythe Creek 16347	SW1/4 of NE1/4 S7, T16N, R12W, MD 04-22-81	-----	----- B. A. Fetzer	May 15 - July 15 $>$ 0.5 cfs or the n.f. whenever flow is less than above, at the point of diversion
F14.C3-18	West Fork Russian River 23322	SE1/4 of SE1/4 S29, T17N, R12W, MD 07-06-71	-----	----- H & W Vineyards	Mar. 1 - May 15 \geq 5 cfs or the n.f. whenever the flow is less than above, at the point of diversion
F14.C3-19	Unnamed Trib. to W.F. Russian River 24489	SW1/4 to SE1/4 S33, T17N, R12W, MD 10-10-73	-----	----- Louis C. Chappell Peggy Anne Chappell	Dec. 1 - Feb. 29 bypass min. 3 cfs Mar. 1 - Mar. 15 bypass min. 0.5 cfs or total streamflow whenever it is less than designated amount
F14.C3-20	Unnamed Trib. to Salt Hollow Creek 25740	NW1/4 of SE1/4 S3, T16N, R12W, MD 05-16-78	-----	----- Ernest & Linda Piffero	Nov. 1 - Nov. 30 bypass min. 0.1 cfs Dec. 1 - Feb. 29 bypass min. 1.25 cfs Mar. 1 - May 1 bypass min. 0.25 cfs Total streamflow bypassed whenever it is less than designated amount

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F1500 - BODEGA							
F15-A0-1	Scotty Creek	S4, T6N, R11W, MD	05-27-66	---	---	Ocean Investments	Nov. - Jan. 10 cfs When reservoir storage equals 130 AF
F15-A0-2	Salmon Creek	SE1/4 of SW1/4 S2, T6N, R10W, MD	03-29-76	---	---	Gerald Hansen	Bypass > 30 gal./min. or n.f. whenever flow is less than above, at all times, at the point of diversion
F15-A0-3	N. Salmon Creek	NE1/4 of SW1/4 S12, T6N, R10W, MD	10-20-69	---	---	Herbert S. & Joan Edlich	Bypass > 50 gal./min. or n.f. whenever flow is less than above, at the point of diversion
F15-A0-4	Salmon Creek	NW1/4 of SE1/4 S2, T6N, R10W, MD	02-10-69	---	---	Eldred Horn	May 15 - Oct. 15 > 30 gpm or the n.f. whenever flow is less than above
F15-A0-5	Salmon Creek	SW1/4 of SE1/4 S34, T7N, R10W, MD	01-13-67	---	---	Occidental Community Services District	Only divert water when the natural surface flow of Salmon Creek exceeds 30 gpm at the county road crossing immediately downstream from licensee's point of diversion
	22689						
	L10244						
	L10211						
	L04394						
	L05168						
	23235						

Identity Number	Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F15-A0-6	Unnamed Trib. to Salmon Creek 12509 L03684	SE1/4 of NW1/4 S12, T6N, R10W, MD 05-13-48	----	Milldred Freund	At all times bypass > 10 gpm of the n.f., whenever flow is less than above, at the point of diversion	
F15-A0-7	Salmon Creek 25647	NE1/4 of SW1/4 S22, T6N, R10W, MD 07-09-80	----	Richard L. Hughes	Jan. 1 - Feb. 29 > 15 cfs Mar. 1 - May 1 > 3 cfs or n.f. whenever flow is less than above	
F15-D0-1	Stemple Creek 25068	NW1/4 of NE1/4 S19, T5N, RBW, MD 05-21-76	----	Alvin J. Hansen	Divert only when flow of Stemple Creek is 1 cfs or more at Valley Ford Road	

Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - G0000 - NORTH LAHONTAN						
HYDROLOGIC UNIT - G0100 - EAST WALKER RIVER						
G01-CO-1	East Walker River		S34, T6N, R25E, MD		Bridgeport Reservoir	Apr. 1 - Sept. 30 50 cfs or n.f. Oct. 1 - Mar. 31 8 cfs normal year
	1389		02-05-63		Walker River I.D.	Oct. 1 - Mar. 31 Dry year 300 AF min. pool 8 cfs or n.f. 71,500 AF min pool 8 cfs required Dry year = April - July runoff of Walker River is 60% of normal based on average of May 1 forecasts of DWR
	L09407					
HYDROLOGIC UNIT - G0400 - WEST FORK CARSON RIVER						
G04-BO-1	Unnamed Spring (W. F. Carson River)		NW1/4 of NW1/4 S31, T11N, R19E, MD			May 1 - Nov. 1 \geq 500 gals/day or n.f. whichever less
	25306		03-28-77		John Lyons	
G04-BO-2	Unnamed Spring (W. F. Carson River)		NW1/4 of NW1/4 S31, T11N, R19E, MD			Apr. 1 - Nov. 1 bypass min. 500 gpd or total streamflow if less
	25291		03-10-77		Thelma S. Potter Phyllis J. Johnson	
G04-BO-3	Unnamed Spring (W. F. Carson River)		NW1/4 of NW1/4 S31, T11N, R19E, MD			Jan. 1 - Dec. 31 bypass min. 500 gpd or total streamflow if less
	24320		07-11-77		Sorensen's Subdivision Homeowner's, Inc.	

Stream Name	Water Rights Application Number	Location	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date	Water Rights Applicant	
604-B0-4	Unnamed Spring (W. F. Carson River) 25345	NW1/4 of NW1/4 S31, T11N, R19E, MD 04-27-77	John J. Menges, V Virginta L. Menges Smith	Jan. 1 - Dec. 31 bypass min 500 gpd or total streamflow if less

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - G0500 - LAKE TAHOE					
G05.A0-2	Coyote Creek 19629	NW1/4 of SW1/4 S25, T12N, R17E, MD 05-06-64	----	--- Tahoe Paradise Water & Gas Co.	At all times release into the natural channel of Coyote Creek, immediately below Coyote Dam, > 0.25 cfs or the n.f., whenever flow is less than above
G05.A0-3	Glen Alpine Creek 15510 L5009	NE1/4 of NE1/4 S19, T12N, R17E, MD 1953	----	Heather Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 141.75 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the channel of the unnamed stream below Heather Lake, thence Glen Alpine Creek to its confluence with Fallen Leaf Lake
G05.A0-4	Glen Alpine Creek 15507 L5007	SE1/4 of SW1/4 S17, T12N, R17E, MD 1953	----	Sustle Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 99 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: The natural channel of the unnamed stream below Sustle Lake, thence Glen Alpine Creek to its confluence with Fallen Leaf Lake

Stream Name	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
G05-A0-5	Glen Alpine Creek	19508 L5008	SE of SE S8, T12N, R17E, MD 1953	---	Gilmore Lake U. S. Forest Service Tahoe Basin Management Unit		Total of 295 cfs to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Gilmore Lake, thence Glen Alpine Creek to its confluence with Fallen Leaf Lake
G05-A0-6	Taylor Creek Riparian		NE1/4 of NE1/4 S2, T12N, R17E, MD 1951	---	USDA Forest Service Tahoe Basin Management Unit		For normal or wet year; minimum flows Oct. 8 - Oct. 31 > 25 cfs Nov. 1 - Nov. 15 > 15 cfs Nov. 16 - Nov. 30 > 10 cfs Dec. 1 - Feb. 28 > 10 cfs Mar. 1 - Mar. 31 > 15 cfs Apr. 1 - June 30 > 25 cfs Jul. 1 - Jul. 15 > 20 cfs Jul. 16 - Jul. 31 > 10 cfs Aug. 1 - Oct. 7 > 10 cfs For dry year; (Minimum Flows) Oct. 8 - Oct. 31 > 10 cfs Nov. 1 - Nov. 15 > 10 cfs Nov. 16 - Nov. 30 > 5 cfs Dec. 1 - Feb. 28 > 7 cfs Mar. 1 - Mar. 31 > 7 cfs Apr. 1 - June 30 > 10 cfs July 1 - July 15 > 10 cfs July 16 - July 31 > 7 cfs Aug. 1 - Oct. 7 > 3-4 cfs

Stream Name	Location	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	Water Rights Application Number	Water Rights Applicant	
	License Number	FERC Project Number	
	Agreement Date		
G05-A0-7	Fallen Leaf Lake	---	6,800 cfs storage. Approximate diversion for storage is between Dec. 1 and June 30
	Riparian	1895	USDA Forest Service Tahoe Basin Management Unit
G05-A0-8	Taylor Creek	NW1/4 of NE1/4 S36, T12N, R17E, MD	Jan. - Dec. 5.0 cfs
	Riparian	1969	USDA Forest Service Tahoe Basin Management Unit
G05-A0-9	Cascade Creek	NW1/4 of NE1/4 S5, T12N, R17E, MD	Total of 150 cfs to be collected from about Nov. 1 of each year to about July 31 of the succeeding year.
	Riparian	1940	Azure Lake USDA Forest Service Tahoe Basin Management Unit
G05-A0-10	Unnamed Trib. to Truckee River	NW of SW S34, T12N, R17E, MD	Use: In the natural channel of Cascade Creek below Azure Lake.
	18295	1958	Total of 133 cfs to be collected from about Dec. 1 of each year to about July 1 of the succeeding year.
	L7355	---	Use: In the natural channel of the unnamed stream below Ralston Lake thence Upper Truckee River to its confluence with Lake Tahoe

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number	Agreement Date	Number	Water Rights Applicant	
605-A0-11	Unnamed Trib. to Upper Truckee River 1502 L6059	SE of NW S5, T10N, R18E, MD 1953	---	Dardanelles Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 63 cfs to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Dardanelles Lake thence Upper Truckee River to its confluence with Lake Tahoe
605-A0-12	Unnamed Trib. to Upper Truckee River 1504 L6060	S5, T10N, R18E, MD 1953	---	Showers Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 30.5 cfs to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Dardanelles Lake thence Upper Truckee River to its confluence with Lake Tahoe
605-A0-13	Unnamed Trib. to Upper Truckee River 1505 L6028	S4, T10N, R18E, MD 1953	---	Round Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 290 cfs to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Round Lake thence Upper Truckee River to its confluence with Lake Tahoe

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
G05-B0-1	Eagle Creek 15511 L5010	SW1/4 of NW1/4 S6, T12N, R17E, MD 1953		Dicks Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 295 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the channel of Eagle Creek below Dicks Lake to its confluence with Emerald Bay
G05-B0-2	Meeks Creek 13982 L4309	NW1/4 of NE1/4 S12, T13N, R16E, MD SW1/4 of SE1/4 S7, T13N, R17E, MD 1950		Crag Lake and Stonyridge Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 189.5 afa to be collected from about Mar. 1 to about July 1 of each year as follows: - 125 afa in Stonyridge Lake - 64.5 afa in Crag Lake Use: The natural channel of Meeks Creek from Stonyridge Dam within SWSE of S7, T13N, R17E, M08&M, to the point of discharge of said creek into Lake Tahoe
G05-B0-3	Eagle Creek Riparian	SW1/4 of SE1/4 S30, T13N, R17E, MD 1950		Lower Velma Lake USDA Forest Service	Total of 85 afa to be collected between Jan 1 to Dec. 31. Use: In the channel of the unnamed stream below Lower Velma Lake thence Eagle Creek to its confluence with Lake Tahoe
G05-B0-4	Unnamed Stream Riparian	NE1/4 of NE1/4 S1, T12N, R16E, MD 1940		Fontanillis Lake USDA Forest Service Tahoe Basin Management Unit	Total of 155 afa to be collected between Jan. 1 and Dec. 31. Use: The natural channel below Fontanillis Lake thence unnamed stream below Upper Velma Lake

Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	Water Rights Application Number License Number	Agreement Date	Water Rights Applicant	
606-B0-1	Unnamed Trib. to Martis Creek 22822	SE1/4 of NW1/4 S2, T16N, R16E, MD 10-28-69	Trumont Water Company	As measured at point of diversion: Normal Year: At all times release \geq 1 cfs or n.f. If $<$ 1 cfs Dry Year: At all times release \geq 0.66 cfs or n.f. If $<$ 0.66 cfs Dry year occurs when \leq 18 Inches of precipitation occurs at Truckee Ranger Station Critical Dry Year occurs when \leq 15 Inches of precipitation occurs at Truckee Ranger Station Nov. 1 - May 31 release \geq 0.66 cfs or n.f. If $<$ 0.66 cfs June 1 - June 30 release \geq 0.33 cfs or n.f. If $<$ 0.33 cfs July, Aug. and Sept. release n.f. Oct. 1 - Oct. 31 release \geq 0.33 cfs or n.f. If $<$ 0.33 cfs
606-B0-2	Martis Creek 18409 L09685	NE1/4 of SE1/4 S35, T17N, R16E, MD 11-13-58	S. G. Herrick Corp.	Dec. 1 - May 1 $>$ 2 cfs or n.f. whenever flows is less than above, at point of diversion
606-B0-3	Hofert Springs 22573	NW1/4 of NE1/4 SB, T17N, R16E, MD 09-25-68	Tahoe-Donner PUD	At all times \geq 0.5 cfs or the n.f., whenever flow is less than above, in Trout Creek. This flow is to be measured immediately below the confluence of the stream leading from Hofert Spring and Trout Creek

Stream Name

Identity Number	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - G0700 - LITTLE TRUCKEE RIVER					
G07.00-1	Little Truckee	S28, T19N, R17E, MD		Stampede Reservoir	Sept. 30 - Mar. 30 15 cfs Apr. 1 - Apr. 15 75 cfs Release of 30 cfs year round for Boca Reservoir
G07.00-2	Perazzo Canyon	NE1/4 of NE1/4 S17, T19N, R15E, MD			Apr. 1 - June 1 > 10 cfs and at all other times > 5 cfs or the n.f., whenever flow is less than above, past the point of diversion
G07.00-3	Unnamed Trib. to Weber Lake	NE1/4 of SE1/4 S20, T19N, R14E, MD			Dec. 15 - June 30 > 1.5 cfs or n.f. whenever flow is less than above
	21955	11-10-64		Jean Pierre Borderre	
	L09692			Velma C. Clark	
HYDROLOGIC UNIT - G0800 - SUSANVILLE					
G08.00-1	Willow Creek	NM1/4 of SM1/4 S18, T30N, R14E, MD			Release into Willow Creek immediately below the Lower Dam 10 cfs or n.f.
	25917	05-13-81		Belfast Ranch	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
HYDROLOGIC BASIN - T0000 - CENTRAL COAST					
HYDROLOGIC UNIT - T0400 - BIG BASIN					
T04-A1-1	Laguna Creek 19238 L07800	SW 1/4 of NW 1/4 S12, T11S, R3W, MD 02-16-60	---	---	Jan. 1 - May 1 \geq 2.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
T04-A1-3	Liddell Creek Spring #2 24666	NE 1/4 of NW 1/4 S36, T10S, R3W, MD 12-08-76	---	---	May 1 - Oct. 31 \geq .5 cfs Nov. 1 - Apr. 30 \geq .4 cfs .5 cfs or n.f. all year round
T04-A2-1	Newell Creek 17913 L09847	S34, T9S, R2W, MD 08-04-66	---	Lone Star Ind., Inc. Loch Lomond Dam City of Santa Cruz	1 cfs
T04-A2-2	San Lorenzo River 23710	S22, T10S, R2W, MD 07-23-73	---	Felton Diversion Dam City of Santa Cruz	Oct. - Oct. 31 25 cfs or n.f. Nov. 1 - May 31 20 cfs or n.f.

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
T04.A2-4	Kings Creek 22412 L08935	SE1/4 of SE1/4 S6, T9S, R2W, MD 03-07-66	---	Mount Diablo Council	Release > 1 cfs over dam during the diversion season or the n.f., whenever flow is less than above, and shall concentrate low flows over the dam so as to provide for fish life
T04.A2-5	Hare Creek 24172	NE1/4 of NE1/4 S15, T9S, R3W, MD 05-01-81	---	Big Basin Water Co. Culligan, Thomas Nagilluc, Inc.	Nov. 16 - Apr. 30 > .5 cfs or the n.f. whichever is less May 1 - Nov. 15 > .05 cfs
T04.A2-6	Mountain Charlie Gulch 24570	SE1/4 of SW1/4 S20, T9S, R1W, MD SW1/4 of NW1/4 S20, T9S, R1W, MD 03-04-74	---	Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. 0.01 cfs or n.f. if less
T04.A2-7	Mountain Charlie Gulch 24570	SW1/4 of SW1/4 S29, T9S, R1W, MD 03-04-74	---	Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. of 0.01 cfs or n.f. if less
T04.A2-8	Miller Creek 24570	NE1/4 of NE1/4 S19, T9S, R1W, MD SW1/4 of NE1/4 S19, T9S, R1W, MD 03-04-74	---	Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. 0.01 cfs or n.f. if less
T04.A2-9	Miller Creek 24570	SW1/4 of SW1/4 S17, T9S, R1W, MD 03-04-74	---	Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. 0.01 cfs or n.f. if less

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
T04-A3-1	Soquel Creek 17851 L06577	NW1/4 of SE1/4 S15, T11S, R1W, MD 10-17-57		City of Capitola	May 1 - May 30 \geq 1 cfs through the Soquel Lagoon outlet flume, or the n.f. whenever flow is less than above. This requirement may be disregarded at times when the sand bar separating the lagoon from the ocean is bridged by n.f. of not less than 3 cfs
T04-A3-2	Soquel Creek 17838 L06577	NW1/4 of SE1/4 S3, T11S, R1W, MD 10-01-57		Justin J. Jarratt	Dec. 1 - June 1 \geq 15 cfs June 1 - Dec. 1 \geq 4 cfs or the n.f. whenever flow is less than above, at the point of diversion
T04-A3-3	Soquel Creek 16586 L06286	NE1/4 of SE1/4 S34, T10S, R1W, MD 09-06-55		Lino Leporini	Dec. 1 - June 1 \geq 15 cfs June 1 - Dec. 1 \geq 4 cfs or the n.f. whenever flow is less than above at the point of diversion
T04-B0-1	Green Oaks Creek and Ano Nuevo 25709	SE1/4 of NE1/4 S29, T9S, R4W, MD 11-06-80		Capitola Investments	At all times bypass \geq 1 cfs at point of diversion on Ano Nuevo Creek or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
T04-B0-2	Whitehouse Creek 25652 25654 25656	NE1/4 of SW1/4 S8, T9S, R4W, MD SE1/4 of NE1/4 S8, T9S, R4W, MD SE1/4 of NW1/4 S8, T9S, R5W, MD 09-12-80		---	At all times bypass ≥ 1 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
T04-B0-3	Gazos Creek 25562	SW1/4 of NW1/4 S12, T9S, R5W, MD 03-13-81		---	Dec. 1 until the first storm of the season: > 1 cfs. After first storm that raises creek flow above 4 cfs and until Mar. 1: > 1 cfs Do not divert when creek is flowing between 4 and 7.5 cfs Mar. 1 - Mar 31 ≥ 7.5 cfs Apr. 1 - May ≥ 3 cfs or n.f. where flow is less than above
T04-B0-4	Gazos Creek 25958	SW1/4 of NW1/4 S12, T9S, R5W, MD 08-07-80		---	Dec. 1 - Feb. 29 ≥ 1 cfs and no diversion when creek is flowing between 4.0 and 7.5 cfs Mar. 1 - Mar. 31 ≥ 7.5 cfs Apr. 1 - Apr. 30 ≥ 3 cfs or n.f. where flow is less than above
T04-B0-7	Unnamed Trib. to Whitehouse Creek 25657	SW1/4 of NE1/4 S18, T9S, R4W, MD 01-26-78		---	For the protection of fish and wildlife, permittee shall not divert from the unnamed tributary to Whitehouse Creek when stream flow in Whitehouse Creek, at a point immediately downstream from the confluence of the unnamed tributary and Whitehouse Creek is 1 cfs or less
				Campbell Soup Company	
				Theodore Char, Chuck Shima, Richard Lum, Albert Yonashi A Partnership	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
T04-B0-8	Cascade Creek 25655	NW1/4 of NW1/4 S17, T9S, R4W, MD SE1/4 of SE1/4 S17, T9S, R4W, MD 01-26-78		Water Rights Applicant Theodore Char, Chuck Shima, Richard Lum, Albert Yonashi A Partnership	For the protection of fish and wildlife of the Cascade Creek drainage, permittee shall not divert to storage when streamflow in Cascade Creek at a point 2,500 feet downstream from Highway 1 is 1 cfs or less
T04-B0-9	Cascade Creek 25658 25659 25655	SE1/4 of NE1/4 S20, T9S, R4W, MD SE1/4 of NW1/4 S20, T9S, R4W, MD 01-26-78		Water Rights Applicant Theodore Char, Chuck Shima, Richard Lum, Albert Yonashi A Partnership	At all times bypass a minimum of 1 cfs at the point of diversion from Cascade Creek. The total streamflow shall be bypassed whenever it is less than the designated amount

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number				Water Rights Applicant	
HYDROLOGIC UNIT - T0500 - PAJARO RIVER						
T05-A0-1		Diable Gulch (Trib. to Corralitos Creek)	NW1/4 of NE1/4 S24, T10S, R1E, MD 01-31-72	---	---	No diversion shall be made during month of May at any time when flow in Corralitos Creek at U.S.G.S. gaging station "near Corralitos" and the diversion of City of Watsonville made upstream from that point is less than 4 cfs
T05-B0-1		Uvas Creek	S18, T10S, R3E, MD 12-06-56	---	Uvas Reservoir South Santa Clara Valley W.C.D.	Dec. 15 - Apr. 30 20 cfs May 1 - Dec. 14 10 cfs Dry Year = If storage < 11,000 ac-ft. by Apr. 16, flow release shall be proportionately reduced until next Apr. 16.
T07-00-1		San Clemente Creek	SW1/4 of NW1/4 S26, T17S, R2E, MD 10-04-60	---	---	Apr. - Nov. 30 \geq 1 cfs or the a.f. whenever flow is less than above, at the point of diversion
T08-00-2		Unnamed Spring	SE1/4 of NW1/4 S14, T24S, R5E, MD 09-11-74	---	Sandra L. Cichoski	Apr. 1 - Oct. 30 bypass a minimum of 500 gal. per day or all streamflow if less than this amount

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
T08-00-3	N. F. Partington Creek 23114	NW1/4 of NE1/4 S13, T20S, R2E, MD 03-19-76	---	---	0.03 cfs or n.f. (if less) must reach confluence with Partington Creek all year round
T09-H1-2	S. F. San Antonio River 18213 L08766	NW1/4 of SE1/4 S34, T21S, R5E, MD SW1/4 of NE1/4 S35, T21S, R5E, MD 07-10-58	---	Hidden River Ranch	Apr. 1 - May 31 > 5 cfs June 1 - Nov. 30 <u> </u> 0.5 cfs or the n.f., whenever flow is less than above, at the points of diversion

Stream Name

Identity Number	Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - T1000 - ESTERO BAY					
T10-A3-1	San Simeon Creek (Underflow) 25002	NE1/4 of SE1/4 S9, T27S, R8E, MD 09-09-78			Shall maintain water levels in the lower basin to sustain streamflow to the lagoon at the mouth of San Simeon Creek
T10-A7-1	Old Creek	S34, T28S, R10E, MD 10-00-67		Whale Rock Reservoir Cal State Polytechnic University	No release - minimum pool 2000 AF
T10-A7-2	S. F. Santa Rita Creek 23703	NM1/4 of NM1/4 S16, T28S, R11E, MD SW1/4 of NM1/4 S16, T28S, R11E, MD 07-02-71		Mary Alice Baldwin	At all times bypass ≥ 1 cfs or the n.f., whenever flow is less than above, at the point of diversion
T10-A8-1	Toro Creek 17292 L10497	NM1/4 of NE1/4 S27, T28S, R11E, MD 07-10-74		John Borg	Dec. 1 - May 1 ≥ 2 cfs or the n.f., below proposed diversion point
T10-B2-1	Chorro Creek 16757 L07844	S9, T30S, R12E, MD 05-22-58		California National Guard	1 cfs if Inflow ≥ 2 cfs .5 cfs if Inflow < 2 cfs

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Divers ion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
T10.B4-1	Davenport Creek 24914	SW1/4 of SE1/4 S14, T31S, R12E, MD 07-30-80		--- Cornelius M. Deasy	Dec. 1 - Mar. 31 > 60 gal./min. or n.f. whenever flow is less than above
T10.B6-1	West Corral de Piedra Creek 22704	NE1/4 of NE1/4 S4, T31S, R13E, MD 09-07-67		--- Ernest Righettti	Dec. 1 - May 31 > 1.5 cfs or the n.f. whenever flow is less than above, below the point of diversion
T10.C1-1	Arroyo Grande Creek 18375	S33, T31S, R14E, MD 07-02-62		Lopez Project San Luis Obispo County F.C.W.C.D.	Fish barrier and trapping facility agreements

Stream Name

Identity Number	Water Rights Application Number	Location Agreement Date	FERC Project Number	Divers ion Name	Minimum Instream Flows Under Agreement
T14.40-1	Santa Ynez River 23960	NE1/4 of SW1/4 S35, T7N, R34W, S8 09-22-78	---	---	Divers ion only when flow is ≥ 1 cfs or n.f., where flow is less than above

HYDROLOGIC UNIT - T1400 - SANTA YNEZ

Santa Ynez River W.C.D.

Stream Name	Identity Number	Water Rights Application Number	License Number	Location Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - W0000 - SOUTH LAHONTAN								
HYDROLOGIC UNIT - W0100 - MONO								
W01-00-1		Reversed Creek	26192	SE1/4 of NE1/4 S21, T2S, R26E, MD 01-31-80	----	----	Williams Tract Co. Water Dist.	Comply with Fish and Game Code Sections 5946 and 5937 and release 2000 gpd
HYDROLOGIC UNIT - W0300 - OWENS								
W03-A0-1		Twin Lakes Waterfall	25368	S9, T4S, R27E, MD 09-30-77	----	----	Mammoth County Water District	June 1 - Aug. 10 3 cfs min. flow Aug. 11 - Oct. 31 2 cfs min. flow Under drought conditions night time flows may be reduced, but not eliminated to maintain daytime flow
W03-A0-2		Mammoth Creek Twin Lakes to Valentine Botanical Area		S9, T4S, T27E, MD 09-30-77	----	----	Mammoth County Water District	Maintain 3 cfs min. flow all year long
			25368					

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
W03-A0-3	Mammoth Creek Old Mammoth Rd to Hwy 395 25368	S10, T4S, T27E, MD 02-27-78	---	Mammoth County Water District ---	Comply with Fish and Game Code Section 5937 mean monthly flow at Hwy 395 to be maintained as follows insofar as natural flows and MCHD control permits: Jan. 5 cfs May 25 cfs Sept. 6 cfs Feb. 5 cfs June 40 cfs Oct. 6 cfs Mar. 5 cfs July 25 cfs Nov. 6 cfs Apr. 10 cfs Aug. 10 cfs Dec. 6 cfs Minimum daily flow of 4 cfs. Any artificial stream augmentation below Old Mammoth Road will not be considered as part of the mean monthly or minimum daily flows above
W03-A0-4	Mammoth Creek between Lake Mary & Lake Mamie 25368	NW1/4 of NW1/4 S16, T4S, R27E, MD 09-30-77	---	Mammoth County Water District ---	June 1 - Nov. 1 1.5 cfs or n.f.
W03-B0-1	Owens River 17400 L09782	S24, T6S, R31E, MD 04-00-61	---	Pleasant Valley Dam City of Los Angeles Department of Water and Power	75 cfs
W03-B0-2	Birch Creek 20545	SW1/4 of NW1/4 S19, T10S, R34E, MD 04-29-64	---	---	At all times bypass \geq 1.5 cfs or the n.f., whenever flow is less than above, at the point of diversion

Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	Agreement Date	Number	Water Rights Applicant	
Application Number				
License Number				
W03.B0-3	Rock Creek	NE1/4 of NE1/4 S32, T4S, R30E, MD	----	Jan. - Mar > 15 cfs Apr. > 20 cfs May > 22 cfs June > 25 cfs July > 25 cfs August > 22 cfs Sept. - Dec. > 15 cfs or the n.f. whenever flow is less than above
	3850	----	City of Los Angeles	
	L09783		Department of Water and Power	
W03.B0-4	Plute Creek	SE1/4 of SE1/4 S13, T5S, R33E, MD	----	Comply with Fish and Game Code Section 5937
	26150	----	HI-Head Hydro, Inc.	
HYDROLOGIC UNIT - W200 - BALLARAT				
W20.F0-1	Unnamed Spring Tr. lb. to Revenue Canyon	NE1/4 of NE1/4 S32, T20S, R42E, MD	----	Maintain at intake structure a bypass pipe which shall maintain a minimum flow of 1 gallon per hour of water for wildlife use. Said water shall be stored in a catchment basin of at least 20-gallon capacity and shall be available to wildlife at all times
	21438	----	Stauffer Chemical Company	
	L09195			
W20.F0-2	Pan McInt Valley	SE1/4 of NE1/4 S35, T21S, R42E, MD	----	Maintain a watering facility for wildlife at the point of diversion in a manner whereby 100 gallons of water will be made available to wildlife at all times
	22461	----	Gossett, Bill, Jr.	
	L9238		Ponykata, Martin	

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number					
HYDROLOGIC UNIT - W2800 - MOJAVE					
W28-80-1	Little Bear Creek	SE1/4 of NW1/4 S14 T2N, R3W, SB		New Lake Arrowhead Dam	At all times release into stream channel immediately below the dam a minimum of 0.3 cfs
25185		10-26-76	----	San Bernardino Service Area #70	
L11125					

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
HYDROLOGIC UNIT - X0100 - LUCERN LAKE					
X01-00-1	Furnace Canyon	NE1/4 of NE1/4 S7, T3N, R1E, S8	---	---	No water shall be diverted unless sufficient flow of water is provided at all times to maintain an open concrete basin of not less than 50 gallons capacity of a design satisfactory to the CDFG for use by wildlife
	23621	05-24-71	---	Pfizer, Inc.	
HYDROLOGIC UNIT - X1900 - WHITEMATER					
X19-07-1	Andreas Creek	SE1/4 of NE1/4 S9, T5S, R4E, S8	---	---	At all times bypass ≥ 1 cfs or n.f., whenever flow is less than above, past the point of diversion
	14433	08-17-51	---	Andreas Canyon Club	
	L07054				
HYDROLOGIC UNIT - X2200 - ANZA BORREGO					
X22-F1-1	Canebrake Creek	SW1/4 of NE1/4 S4, T15S, T7E, S8	---	---	For the proposed wildlife preservation, make available 100 gallons of water at the point of diversion
	22539	11-29-67	---	Canebrake County Water District	
HYDROLOGIC UNIT - Y0200 - SAN JACINTO VALLEY					
Y02-01-1	Unnamed Spr Ing Tr-lb. to Poppet Creek	SE1/4 of NW1/4 S11, T4S, R1E, S8	---	---	Shall maintain a wildlife watering device
	23118	08-28-68	---	Ivy May Dawson	Fish and Game at or near point of diversion. Water device shall have a capacity of 20 gallons and shall be kept full at all times
	L10322				

Stream Name	Water Rights Application Number	Location Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
Identity Number	License Number			Water Rights Applicant	
Y02.B1-2	Strawberry Creek 12340	SM1/4 of NE1/4 S5, T35, R3E, S8 12-17-54		----- Fern Valley Mutual Water Co.	At all times > 1 cfs or n.f. whenever flow is less than above, when diverting to storage
HYDROLOGIC UNIT - Z0100 - SAN JUAN					
Z01.80-1	Hot Springs Creek 22372 L09019	NE1/4 of SW1/4 S33, T6S, R6W, S8 01-27-66		----- Robert L. Ellis	Maintain a concrete watering trough of 10 gal. capacity, to be kept full at all times, near point of diversion, except when there is no natural flow, for wildlife

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Length	millimetres (mm)	inches (in)	0.03937	25.4
	centimetres (cm) for snow depth	inches (in)	0.3937	2.54
	metres (m)	feet (ft)	3.2808	0.3048
	kilometres (km)	miles (mi)	0.62139	1.6093
Area	square millimetres (mm ²)	square inches (in ²)	0.00155	645.16
	square metres (m ²)	square feet (ft ²)	10.764	0.092903
	hectares (ha)	acres (ac)	2.4710	0.40469
	square kilometres (km ²)	square miles (mi ²)	0.3861	2.590
Volume	litres (L)	gallons (gal)	0.26417	3.7854
	megalitres	million gallons (10 ⁶ gal)	0.26417	3.7854
	cubic metres (m ³)	cubic feet (ft ³)	35.315	0.028317
	cubic metres (m ³)	cubic yards (yd ³)	1.308	0.76455
	cubic dekametres (dam ³)	acre-feet (ac-ft)	0.8107	1.2335
Flow	cubic metres per second (m ³ /s)	cubic feet per second (ft ³ /s)	35.315	0.028317
	litres per minute (L/min)	gallons per minute (gal/min)	0.26417	3.7854
	litres per day (L/day)	gallons per day (gal/day)	0.26417	3.7854
	megalitres per day (ML/day)	million gallons per day (mgd)	0.26417	3.7854
	cubic dekametres per day (dam ³ /day)	acre-feet per day (ac-ft/day)	0.8107	1.2335
Mass	kilograms (kg)	pounds (lb)	2.2046	0.45359
	megagrams (Mg)	tons (short, 2,000 lb)	1.1023	0.90718
Velocity	metres per second (m/s)	feet per second (ft/s)	3.2808	0.3048
Power	kilowatts (kW)	horsepower (hp)	1.3405	0.746
Pressure	kilopascals (kPa)	pounds per square inch (psi)	0.14505	6.8948
	kilopascals (kPa)	feet head of water	0.33456	2.989
Specific Capacity	litres per minute per metre drawdown	gallons per minute per foot drawdown	0.08052	12.419
Concentration	milligrams per litre (mg/L)	parts per million (ppm)	1.0	1.0
Electrical Conductivity	microsiemens per centimetre (uS/cm)	micromhos per centimetre	1.0	1.0
Temperature	degrees Celsius (°C)	degrees Fahrenheit (°F)	(1.8 × °C) + 32	(°F - 32)/1.8

State of California—Resources Agency
Department of Water Resources
P.O. Box 388
Sacramento
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